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Dairy-Herd-Improvement Letter

ARS-44-107 (Vol. 37, No. 8)

September 1961

DHIA LACTATION AVERAGES

1958-1959

During the operation of the automated sire-proving procedures now in progress, DHIA lactation records with 1958 and 1959 calving dates were selected from the master tape file and compiled as an auxiliary operation. Last year lactation records with 1956 and 1957 calving dates were compiled.

In future operations, 305-day lactation records with current year calving date will be compiled annually.

On the following pages are tabulations of DHIA 305-day lactation records with 1958 and 1959 calving dates, grouped by breed, by State, by month of calving. These tabulations include records received from the various States by the Dairy Cattle Research Branch, Animal Husbandry Research Division, Agricultural Research Service as a part of the National Cooperative Dairy-Herd-Improvement Program. All lactations were standardized to a mature-equivalent, twice-a-day milking basis.

ERRATA: August 1961 DHI Letter, ARS-44-106, Vol. 37, No. 7, on page 2 the center head should read: LACTATION RECORDS IN THE DHIA MASTER FILE.

ALL BREEOS

060	CAL	M T MIC	YEAR

					1958 CALVING YEAR					
STATE	COOE	REGI NO.RECS.	STEREO MILK	FAT	NON-R NO.RECS.	EGISTE	REO FAT	NO.RECS.	ALL MILK	FAT
MAINE	11	5122	11184	465	2988	10636	429		10982	452
NEW HAMPSHIRE	12	4058	10985	453	833	10378	418	4891	10882	447
VERMONT	13	8933	10632	457	4370	9874	41 I	13303	10383	442
MASSACHUSETIS	14	7629	11117	463	3371	10792	420	11000	11018	450
RHOOE ISLANO	15	998	10987	468	28	11414	430	1026	10999	467
CONNECTICUT	16	7292	11299	476	3156	11451	439	10448	I 1345	465
NEW YORK	21	56016	11839	452	12356	11243	414	68372	11731	445
NEW JERSEY	22	7046	11111	454	1862	11648	436	8908	11224	450
PENNSYLVANIA	23	59425	10709	429	37513	10039	387	96938	10450	413
0110	31	20109	10510	4 30	4713	11450	428	24822	10688	430
INDI ANA	32	8541	10664	448	726	11717	451	9267	10747	448
ILLINOIS	33	16106°	11383	455	10435	11408	426	26541	11393	444
MICHIGAN	34	16980	11675	451	21193	10793	404	38173	11185	425
WISCONSIN	35	26573	12011	459	11463	11756	438	38036	11934	452
M1NNE SOTA	4 I	13112	11553	445	24212	11595	422	37324	11580	430
IOWA	42	12249	11376	447	11623	11211	419	23872	11296	433
MISSOURI	43	4263	10063	426	2654	10150	405	6917	10096	418
NORTH OAKOTA	45	755	11229	427	I136	11544	415	1891	11418	420
SOUTH OAKOTA	46	626	12322	464	409	12312	423	1035	12318	447
NEBRASKA	47	2140	11090	440	859	10779	397	2999	11001	427
KANSAS	48	5181	10409	418	3008	10906	408	8189	10592	414
OELAWARE	50	1317	10323	412	743	9183	353	2060	9912	391
MARYLANO	51	11729	10582	428	7860	10134	391	19589	10402	413
VIRGINIA	52	10003	10633	439	11733	10464	403	21736	10542	420
WEST VIRGINIA	54	2040	9563	385	951	9532	369	2991	9554	380
NORTH CAROLIN	A 55	6363	9458	394	4863	9430	359	11226	9446	379
SOUTH CAROLIN	A 56	2308	8557	378	1146	9391	357	3454	8833	371
GEORGIA	57	1973	8971	385	1226	9206	359	3199	9062	375
FLORIOA	58	3155	8119	363	736	8713	384	3891	8231	367
KENTUCKY	61	2772	9508	397	1286	10676	396	4058	9878	397
TENNESSEE	63	1503	7926	391	15	11000	470	1518	7956	392
ALABAMA	64	1675	7116	329	2714	7967	307	4389	7642	315
MISSISSIPPI	65	1390	7453	349	249	8367	361	1639	7592	351
ARKANSAS	71	338	8021	331	35	10197	421	373	8226	38 5
LOUISIANA	72	827	7284	341	103	8220	340	930	7388	341
OKLAHOMA	73	1319	9480	395		11100	417	1758	9884	400
TEXAS	74	3314	8765	408		10751	411	4731	9360	409
MONTANA	18		10656	442		11617	422		11139	432
CHACI	82	3642		453		11658	450		11063	452
RAOWING	83		12401	450		11604	416		12031	434
COLORADO	84	1564		430		11642	452		10902	433
NEW MEXICO	85		9003	423		11048	497		9184	429
ARIZONA	86		10606	425		11856	433		11465	430
UTAH	87	2642		447		11891	441			443
NEVADA	88	255		452		13446	448		9624	451
WASHINGTON	91	7648		481		11526	464		11332	472
OREGON	92	5380		457		10345	434	11581		445 506
CALIFORNIA	93	2464		507		13050	503		11909	363
HAWAII	95		11663	365		10340	340 505		12721	510
ALASKA .	96	. 9	I 3228	513	6	11960	202	15		710
U.S. AVERAGE		360892	10964	441	213801	10813	411	579693	10907	430

AYRSHIRE

					1938 CALVING TEAM	Κ				
STATE	COOE	REG!	STEREO	FAT	NON-F	REGISTE MILK	REO FAT	NO.RECS.	ALL MILK	FAT
MAINE	11	410	9822	397	54	9344	378	464	9766	395
NEW HAMPSHIRE	12	457	9934	407	30	8673	363	487	9857	404
VERMONT	13	1232	10028	410	199	8842	355	1431	9863	403
MASSACHUSETTS	14	879	10163	423	122	8610	356	1001	9974	414
RHOOE ISLANO	15	208	10604	436	2	10830	506	210	10606	437
CONNECTICUT	16	765	10078	415	64	8598	350	829	9964	410
NEW YORK	21	3507	9810	399	194	9333	368	3701	9785	397
NEW JERSEY	22	63	10307	433	4	9055	374	67	10233	4 30
PENNSYLVANIA	23	2768	9080	378	563	7990	330	3331	8895	370
01140	31	1025	9738	394	27	9680	390	1052	9737	394
INGIANA	32	318	9207	365				318	9207	365
ILLINOIS	33	362	8641	359	18	10331	396	380	8721	361
M[CH1GAN	34	257	10086	415	79	8043	323	336	9606	393
WISCONSIN	35	375	9340	381	13	10208	395	388	9369	381
MINNESOTA	41	445	9290	374	92	9503	367	537	9327	372
10WA	42	453	9357	375	56	9285	371	509	9349	375
MISSOURI	43	12	8487	348		12420	534	14	9049	374
NORTH OAKOTA	45	1	6210	264				1	6210	264
SOUTH OAKOTA	46	36	10449	428				36	10449	428
NEBRASKA	47	11	7320	321	13	7864	322	24	7615	321
KANSAS	48	815	9063	373	68	8537	354	883	9022	372
OELAWARE	50	165	9203	365	13	7302	277	178	9064	358
MARYLANO	51	841	9523	394	111	8565	344	952	9411	388
VIRGINIA	52	161	7915	317	48	8645	347	209	8083	324
wEST VIRGINIA	54	115	8857	362	23	8312	347	138	8766	360
NURTH CAROLINA	55	258	8506	340	61	6982	285	319	9215	329
SOUTH CAROLINA	56	82	8429	348	1	8490	323	83	8430	348
GEORG1A	57	43	8156	310	5	10004	419	48	8348	321
FLORIDA	58	148	8485	329	7	8599	328	155	8490	329
KENTUCKY	61	9	6900	279	3	6930	279	12	6908	279
TENNESSEE	63	26	9877	394				26	9877	394
AL A8 AMA	64	65	6934	275	3 4	5977	234	99	6606	261
MISSISSIPPI	65	27	7808	311	2	9005	398	29	7890	317
ARKANSAS	71									
LOUISIANA	72	52	7079	273				52	7079	273
OKLAHOMA	73	166	9409	380				166	9409	380
TEXAS	74	72	9825	383	2	6995	259	74	9749	380
MONTANA	81	31	10968	450	1	10610	470	32	10957	450
IOAHO	82	35	10500	411	7	9081	343	42	10264	400
WYOMING	83	3	7573	320	1	7770	279	4	7623	310
COLORAGO	84	145	9538	391	1	9850	442	146	9541	392
NEW MEXICO	85									
ARIZONA	86	49	9503	367	2	7725	278	51	9434	364
UT AH	87	27	9022	360	6	9345	377	33	9081	363
NEVAOA	88									
wASH1NGTON	91	175	9566	394	48	9681	409	223	9591	397
OREGON	92	47	9577	391	57	8166	331	104	8804	358
CALIFORNIA	93	218	11256	468	39	7753	302	257	10724	443
1 I AWAH	95									
ALASKA	96									
U.S. AVERAGE		17359	9548	391	2072	8522	345	19431	9439	386

GUERNSEY

					1958 CALVING YEAR					
STATE	COOE	NO.RECS.	STEREO MILK	FAT	NON-R NO-RECS-	EGISTE:	FAT	NO.RECS.	ALL MILK	FAT
MAINE	11	836	8499	416	432	8085	390	1268	8358	407
NEW HAMPSHIRE	12	609	8791	409	85	8351	377	694	8737	405
VERMONT	13	851	8723	417	380	8207	388	1231	8564	408
MASSACHUSETTS	14	1438	8913	431	418	8234	389	1856	8760	421
RHOOE ISLANO	15	238	9336	451				238	9336	451
CONNECTICUT	16	2374	9372	454	444	8583	402	2818	9248	446
NEW YORK	21	5558	8829	422	762	8237	382	6320	8758	417
NEW JERSEY	22	1994	8504	417	167	8308	390	2161	8488	414
PENNSYLVANIA	23	13664	8033	389	5135	7233	337	18799	7814	375
OH10	31	4021	8695	411	340	8385	385	4361	8671	409
INOIANA	32	2882	8907	437	89	9476	447	2971	8924	437
ILLINOIS	33	2749	8829	424	700	8300	382	3449	8721	416
MICHIGAN	34	2346	8857	431	1961	7598	358	4307	8284	398
WISCONSIN	35	3909	8550	413	1521	8506	402	5430	8538	410
MINNESOTA	41	1863	8527	411	2129	8128	385	3992	8314	397
IOWA	42	1554	8767	426	1 39 2	8052	383	2946	8429	406
MISSOURI	43	966	8356	408	377	7665	361	1343	8162	395
NORTH OAKOTA	45	47	8445	397	67	8500	405	114	8477	402
SOUTH OAKOTA	46	53	8897	419	5	9556	411	58	8954	418
NEBRASKA	47	536	8465	412	66	7975	382	602	8411	409
KANSAS	48	588	8150	412	142	8090	393	730	8138	408
OELAWARE	50	403	7812	375	172	7314	330	575	7663	362
MARYLANO	51	2765	8336	405	1133	7570	356	3898	8113	391
VIRGINIA	52	3614	8453	414	1507	7801	365	5121	8261	400
WEST VIRGINIA		353	7289	355	139	7386	337	492	7316	350
NORTH CAROLIN	A 55	2306	7910	382	543	6913	318	2849	7720	370
SOUTH CAROLIN		1398	7937	374	288	7156	319	1686	7803	365
GEORGIA	57	386	7566	369	140	7473	335	526	7541	360
FLORIOA	58	1272	7401	335	236	8229	378	1508	7531	342
KENTUCKY	61	460	7599	369	66	7558	350	526	7594	367
TENNESSEE	63	313	8373	405	2	8780	431	315	8376	405
AL ASAMA	64	265	7284	332	332	6451	289	597	6821	308
MISSISSIPPI	65	689	7373	344	30	7737	340	719	7388	344
ARKANSAS	71	111	7774	367	5	9904	484	116	7866	372
LOUISIANA	72	300	7138	344	17	7122	330	317	7137	343
OKLAHOMA	73	270	75 88	352	23	9389	425	293	7729	357
TEXAS	74	440	8146	380	80	7961	357	520	8117	376
MONTANA	81	88	9207	466	12	8498	388	100	9122	457
IOAHO	82	881	8938	429	166	8725	402	1047	8905	425
WYDMING	83	6	9972	469	5	8056	349	11	9101	415
COLORAGO	84	208	8449	410	55	8516	400	263	8463	408
NEW MEXICO	85	341	9057	435	29	9456	465	370	9089	437
ARIZONA	86	262	9188	422	96	8911	407	358	9113	418
UTAH	87	409	8202	395	244	8117	370	653	8170	386
NEVAGA	88	134	8026	379	211			134	8026	379
WASHINGTON	91	2050	9407	468	1233	8947	424	3283	9234	451
OREGON	92	1508	8633	425	1175	8862	413	2683	8733	420
CALIFORNIA	93	877	9426	469	84	8445	420	961	9340	465
HAWAII	95	0,,,	, ,,,,	,0,	04	0.45		701		
ALASKA	96	1	10520	509				1	10520	509
	,0	•	.0,20	507						,
U.S. AVERAGE		71186	8479	410	24424	7905	370	95610	8332	400

HOLSTEIN

				1750 CACTING TEAT	•				
STATE	COOE	REGISTER NO.RECS. MIL		NON-F NO.RECS.	EGISTER MILK	EO FAT	NO.RECS.	ALL MILK	FAT
MAINE	11	2798 1321	0 501	2102	11661	442	4900	12545	476
NEW HAMPSHIRE	12	2268 1254	4 475	586	11243	426	2854	12277	465
VERMONT	13	3724 1290	00 481	2294	11426	422	6018	12338	459
MASSACHUSETTS	14	3775 1293	2 484	2578	11566	430	6353	12378	462
RHOOE ISLANO	15	360 1350	9 511	26	1,1459	424	386	13371	505
CONNECTICUT	16	3122 1370	9 512	2481	12253	451	5603	13064	485
NEW YORK	21	41505 1283	465	10849	11650	418	52 354	12589	455
NEW JERSEY	22	4265 1259	8 469	1630	12096	442	5895	12459	462
PENNSYLVANIA	23	39275 1199	6 448	29971	10725	398	69246	11446	426
OH 10	31	9130 1257	72 448	3855	12122	433	12985	12439	444
INOIANA	32	3672 1312	1 479	592	12366	458	4264	13016	477
ILLINOIS	33	9833 1283	479	9242	11750	430	19075	12309	455
MICHIGAN	34	11795 1287	6 463	17801	11372	411	29596	11971	432
WISCONSIN	35	19610 1304	8 473	9504	12429	445	29114	12846	464
MINNESOTA	41	8640 1289	0 463	21090	12080	427	29730	12315	437
IOWA	42	7034 1295	8 469	9342	11910	427	16376	12360	445
MISSOURI	43	1917 1212	6 444	1850	11167	418	3767	11655	431
NORTH DAKOTA	45	457 1238	1 447	1043	11797	417	1500	11975	426
SOUTH DAKOTA	46	410 1329	0 467	377	12444	424	787	12884	447
NE BRASKA	47	1263 1278	2 464	744	11168	400	2007	12184	441
KANSAS	48	2815 1207	1 443	2688	11220	411	5503	11655	428
OELAWARE	50	678 1228	6 443	525	9901	358	1203	11245	406
MARYLANO	51	6894 1211	7 450	6406	10678	398	13300	11424	425
VIRGINIA	52	5216 1261	9 463	9852	10961	409	15068	11535	428
WEST VIRGINIA	54	1121 1125	4 405	695	10305	377	1816	10891	394
NORTH CAROLIN	A 55	2765 1156	4 415	3914	10023	369	6679	10661	388
SOUTH CAROLIN	A 56	494 1057	1 381	773	10227	367	1267	10361	373
GEORGIA	57	738 1166	8 419	823	10063	368	1561	10822	392
FLORIDA	58	436 1083	8 387	182	10644	392	618	10781	388
KENTUCKY	61	1359 1148	8 417	1099	11169	401	2458	11345	410
TENNESSEE	63	46 1091	3 390	8	12738	490	54	11183	405
ALA8AMA	64	198 1020	1 353	1581	9275	329	1779	9378	331
MISSISSIPFI	65	96 1147	7 414	63	11556	420	159	11509	416
ARKANSAS	71	27 1240	5 452	22	11105	425	49	11821	440
LOUISIANA	72	100 1084	5 396	42	10995	392	142	10889	395
OKLAHOMA	73	409 1276	3 453	372	11624	421	781	12221	438
TEXAS	74	599 1217	2 439	953	12315	440	1552	12260	440
MONTANA	81	228 1367	9 482	581	11904	422	809	12405	439
IOAHO	82	1594 1357	6 487	1355	12542	460	2949	13101	475
HYDMING	83	175 1269	4 450	162	11759	418	337	12245	434
COLORAGO	84	774 1273	3 453	178	12920	474	952	12768	457
NEW MEXICO	85	75 1242	1 437	18	15019	556	93	12924	460
ARIZONA	86	284 1262	6 438	1309	12138	436	1593	12225	436
UT AH	87	1655 1328	0 483	4720	12448	448	6375	12664	457
NEVAOA	88	8 1426	6 482	42	13446	448	50	13577	453
WASHINGTON	91	3274 1388	3 506	5327	12717	476	8601	13161	487
OREGON	92	967 1319	7 475		11932	442		12226	450
CALIFORNIA	93	818 1517			14546	528		14935	543
HAWAII	95	22 1166			10340	340		11553	363
ALASKA	96	8 1356						13566	514
U.S. AVERAGE		208726 1264	7 463	175358	11510	419	384084	12128	443

JERSEY

RADNE II 1 9499 479 1472 1898 1575 416 1312 9805 486 487 1898 417 1899 479 479 1898 1575 416 1312 9805 486 487 1898 4899 4899 4899 4899 4899 4899 4899	STATE	CODE	REGIS	STERED		NON-R	EGISTE	кEO	,	ALL	
NEW HIAMPSHIRE 12					FAT						FAT
VERNONI	MAINE	11	987	8459	442	385	8125	416	1372	8365	434
MASSACHUSETIS 1	NEW HAMPSHIRE	12	644	8550	458	124	8140	421	768	8484	#53
RHOGE ISLAND 15	VERMONT	13	2902	8518	456	1411	7902	406	4313	8317	440
COMMECTICUT 16	MASSACHUSETTS	14	1135	8716	466	219	7826	398	1354	8572	455
NEW YORK 21 3093 7879 415 445 7700 379 459 4330 7860 413 NEW JERSEY 22 438 8040 466 41 8090 424 4779 8014 462 PENNSYLVANIA 23 3002 7699 408 1613 7090 362 4615 7466 392 ORID 31 4356 7938 413 396 7870 412 4752 7932 413 INDIANA 32 1211 776 406 39 7312 355 1250 7762 404 ILLINOIS 33 1385 7713 398 180 7825 460 1571 7727 199 MICHIGAN 34 1609 7867 417 1015 7681 382 2624 7718 797 MICHIGAN 35 992 8058 431 305 7587 393 1291 7947 422 MISWESDIA 41 1031 8008 420 516 7644 397 1547 7887 412 INDIA 42 11196 7813 413 425 7537 384 1621 7741 405 MISSEONSIN 35 972 8058 417 376 7759 387 1247 7887 412 INDIA 42 11196 7813 413 425 7537 384 1621 7743 412 MISWESDIA 45 10102 7884 417 376 7759 387 11420 7881 402 MISWESDIA 45 10102 7884 417 376 7759 387 11420 7881 402 MORTH CAROITA 45 19 7743 419 NEBRASKA 47 94 8161 428 12 8028 417 100 8164 622 RANSAS 48 233 7605 397 56 7017 358 589 7368 393 DELAMARE 50 62 8226 431 25 8088 470 87 81402 422 RANSAS 48 233 7605 397 56 7017 358 589 7368 393 DELAMARE 50 62 8226 431 25 8088 470 87 81402 422 RANSAS 48 233 7605 397 56 7017 358 589 7368 393 DELAMARE 50 62 8226 431 25 8088 470 87 81402 422 RANSAS 48 233 7605 397 57 50 7017 358 589 7368 1939 VIRGINIA 52 807 8220 433 497 512 382 497 326 1273 396 370 VIRGINIA 55 991 7722 383 1457 7127 386 1102 8140 418 KEST VIRGINIA 56 231 7592 370 229 4627 311 228 478 394 VIRGINIA 56 231 7592 370 229 4627 311 228 478 394 VIRGINIA 58 1264 7822 388 303 7878 382 1567 333 387 ELMINISTISSIPI 69 570 600 444 154 7177 350 126 717 360 388 TENNESSEE 63 1118 7032 367 57 72 331 430 1011 7176 300 RUMARASAS 71 187 7479 737 748 408 330 7279 390 295 418 6430 329 ORLHARAMASAS 71 188 7344 376 58 826 433 1011 7176 303 387 TENNESSEE 63 1118 7034 376 58 826 433 1012 7731 390 RUMARASAS 71 188 7344 376 58 826 433 1012 7731 390 RUMARASAS 71 187 7479 381 402 100 661 352 236 7731 731 388 TENNESSEE 63 1118 7034 376 408 310 7799 390 295 418 6430 329 ORLHARAMASAS 71 189 7479 395 129 590 447 110 7173 300 2464 7778 000 RUMARASA 81 118 7870 7879 381 489 1900 7879 3	RHODE ISLAND	15	176	8605	446				176	8605	446
NEW JERSEY 22 438 8046 466 41 8709 424 479 8014 467 PEMSETVIANIA 23 3007 7699 408 1613 7090 362 4615 7466 392 0H10 31 4356 7938 413 396 7810 412 4752 7932 413 10101ANA 32 12111 7776 406 39 7312 395 1250 7762 404 11LINOIS 33 1385 7713 398 186 7825 406 1571 7727 399 HICHIGIAN 34 1609 7867 417 1015 7481 382 2624 7718 409 1850NSIN 35 992 8058 431 305 7587 393 1297 7947 7807 412 HICHIGAN 41 1031 8088 420 516 7444 397 1547 7807 7807 412 1014 42 1104 7818 417 378 7759 387 1547 7807 412 1014 42 1104 7818 417 378 7759 387 1547 7807 412 1014 42 1104 7818 417 378 7759 387 1547 7807 412 1014 A2 1104 7818 417 378 7759 387 1547 7809 352 50011 0AKOTA 45 157 7874 419 157 7843 419 157 7808 418 158 7808	CONNECTICUT	16	762	8629	456	135	7729	402	897	8494	448
Pennsylvaria	NEW YORK	21	3893	7879	415	445	7700	395	4338	7860	413
OHIO	NEW JERSEY	22	438	8646	466	41	8269	424	479	8614	462
INCITANA 32	PENNSYLVANIA	23	3002	7699	408	1613	7090	362	4615	7486	392
TILLINDIS 33 1365 7713 398 186 7825 406 1571 7727 399 MICHIGAN 34 1609 7867 417 1015 7481 362 2624 7718 406 MISCONSIN 35 992 8058 431 305 7587 393 1297 7947 422 1044 41 1031 8008 420 516 7644 497 1547 7884 412 1044 42 1146 7813 413 425 7537 384 1621 7741 405 465 465 465 475 4	OHIO	31	4356	7938	413	396	7870	412	4752	7932	413
MISCONSIN 35 992 8058 431 305 7587 897 1297 7477 222 MINNESOTA 41 1031 8008 420 516 7644 397 1247 7881 412 1014 1031 8008 420 516 7644 397 1547 7881 412 1014 42 1146 7813 413 425 7537 384 1621 7741 405 MISSOURI 43 1042 7884 417 336 7759 387 1420 7881 409 NORTH OAKOTA 45 55 6116 396 2 4205 241 7 6999 352 50UTH UAKOTA 45 5 5 6116 396 2 4205 241 7 6999 352 50UTH UAKOTA 46 137 7743 419 19 77	INDIANA	32	1211	7776	406	39	7312	355	1250	7762	404
MITCHIGAN 34 1609 7867 417 1015 7481 362 2624 7718 409 MISSOURI 35 992 8058 411 305 7587 393 1297 7947 422 MINNESOTA 41 1031 8008 420 516 7644 397 1547 7867 412 MINNESOTA 41 1031 8008 420 516 7644 397 1547 7867 412 MINNESOTRI 43 1042 7884 417 376 7759 387 1420 7851 409 MORTH OAKOTA 45 5 5 8116 396 2 4205 241 7 6999 352 SOUTH UAKOTA 46 19 7743 419 MEBRASKA 47 94 8161 428 12 8028 417 100 8146 420 KANSAS 48 533 7405 397 56 7017 388 589 7368 393 DELAHARE 50 62 8226 431 25 8638 470 87 8602 442 MARYLAND 51 941 7292 383 145 7127 362 1086 7270 380 MISGINIA 52 807 8320 430 295 7647 386 1102 8104 418 MEST VIRGINIA 54 397 7219 373 89 7203 364 486 7216 371 MORTH CAROLINA 55 981 7511 383 292 8679 326 1273 7366 370 SOUTH CAROLINA 56 261 7592 390 23 4427 311 244 7488 384 GEORGÍA 57 793 7189 367 218 7127 334 1011 7176 363 KENTUCKY 61 861 7389 382 102 7555 371 993 700 381 MISSISSIPPI 65 570 806 344 154 7177 340 1678 387 KENTUCKY 61 861 7389 382 102 7555 371 993 700 381 MISSISSIPPI 65 570 806 344 154 7177 340 1272 728 388 ALABAMA 64 1135 6543 327 743 5910 455 1123 739 386 ALABAMA 64 1135 6543 327 743 5910 455 1123 739 386 ALABAMA 64 1136 7549 333 43 5999 295 418 629 724 885 343 AKKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LOUISIANA 72 375 6479 333 43 5999 295 418 629 724 885 343 AKKANSAS 74 2004 7844 408 337 7379 360 449 110 772 608 504 724 885 343 AKKANSAS 74 2004 7844 408 337 7379 360 449 110 772 608 504 724 885 343 AKKANSAS 74 2004 7844 408 337 7379 360 449 110 772 608 504 724 885 343 AKKANSAS 74 2004 7844 408 337 7379 360 449 110 772 608 608 608 608 608 608 608 608 608 608	ILLINDIS	33	1385	7713	398	186	7825	406	1571	7727	399
NISCONSIN 35				7867	417		7481	382		7718	4 04
MINNESOTA 41 1031 8008 420 516 7644 397 1547 7887 412 1UMA 42 1196 7813 413 425 7537 384 1621 7741 405 MISSOURI 43 1042 7884 417 378 7759 387 1420 7651 409 MISSOURI 43 1042 7884 417 378 7759 387 1420 7651 409 MISSOURI 45 5 8116 396 2 405 241 7 6699 352 SOUTH UAKOTA 46 19 7743 419 NEURASKA 47 94 8161 428 12 8028 417 106 8146 426 KANSAS 48 533 7405 397 56 7017 358 599 7368 393 DELAWARIL 50 62 8226 431 25 838 470 87 8402 442 VIRGINIA 50 62 8226 431 25 838 470 87 8402 442 VIRGINIA 52 807 8320 430 295 7647 386 1102 8140 418 WEST VIRGINIA 54 397 7219 373 89 7203 364 486 7216 371 NORTH CAROLINA 55 981 7511 383 292 8679 326 1273 7366 371 SOUTH CAROLINA 56 261 7582 390 23 6427 311 284 786 386 GLORGIA 57 793 7189 367 218 7127 334 1011 7176 360 FLORIDA 58 1264 7822 388 303 7878 382 1567 7366 388 KENTUCKY 61 841 7389 387 228 7127 334 1011 7176 360 FLORIDA 58 1264 7822 388 303 7878 382 1567 7633 387 KENTUCKY 61 841 7389 387 59 910 855 1123 7680 388 ALABAMA 64 1135 6543 327 773 5914 270 1876 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6865 333 ARKANASS 71 167 734 736 736 743 5914 270 1876 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6865 333 ARKANASS 71 167 7349 381 733 43 5999 295 418 6430 399 HONTANA 81 158 7224 394 333 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 81 158 7224 394 33 7828 418 191 7326 398 HONTANA 8											
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SOUTH LIANDTA 46 19 7743 419 NEBRASKA 47 94 8161 428 12 8028 417 106 8146 426 KANSAS 48 533 7405 397 56 7017 358 589 7368 393 DELAWARH 50 62 8226 431 25 8038 470 87 8402 442 MANYLAND 51 941 7292 383 145 7127 362 1086 7270 380 VJRGINIA 52 807 8320 430 295 7647 386 1102 8140 418 WEST VIRGINIA 54 397 7219 373 89 7203 364 486 7216 371 NORTH CAROLINA 55 981 7511 383 292 6879 326 1273 7366 370 SUUTH CAROLINA 56 261 7582 390 23 6427 311 284 7488 384 GEORGÍA 57 793 7189 367 218 7127 334 1011 7176 360 ELORIDA 58 1264 7822 388 303 7878 382 1567 7633 387 KENTUCKY 61 841 7389 382 102 7555 371 943 7407 381 TENNESSÉE 63 1118 7632 387 59108 455 1123 7639 388 ALABAHA 64 1135 6543 327 743 5914 270 1876 6294 JOS HISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 408 370 7379 350 2464 7778 400 HONTAINA 81 158 7224 394 408 370 7379 350 2464 7778 400 HONTAINA 81 158 7224 394 394 333 7828 418 191 7328 399 IDAHO											
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DELAMARE 50 62 8226 431 25 8838 470 87 8402 442 MARYLANO 51 941 7292 383 145 7127 362 1086 7270 380 VIRGINIA 52 807 8320 430 295 7647 386 1102 8140 418 MEST VIRGINIA 54 397 7219 373 89 7203 364 486 7216 371 NORTH CAROLINA 55 961 7511 383 292 6679 326 1273 7366 370 SUUTH CAROLINA 56 261 7582 390 23 6427 311 284 7488 384 GEORGIA 57 793 7189 367 218 7127 334 1011 7176 360 FLORIDA 58 1264 7822 388 303 7878 382 1587 7633 387 KENTUCKY 61 841 7389 362 102 7555 371 943 7407 381 TENNESSEE 63 1118 7632 367 5 9108 455 1123 7639 388 ALABAMA 64 1135 6543 327 743 5914 270 1878 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOHA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTHAMA 81 158 7224 394 33 7628 418 191 7328 398 IDAHO 62 996 8084 429 205 8343 428 1201 8129 429 WYOHING 83 189 7547 395 112 8938 467 201 7630 499 WYOHING 83 113 7547 395 112 8938 467 201 7630 499 WYOHING 85 189 7547 395 112 8938 467 201 7630 499 WYOHING 85 189 7547 395 112 8938 467 201 7630 499 WYOHING 85 189 7547 395 112 8938 467 201 7630 490 ARIZONA 86 68 8425 427 112 7531 351 80 8291 413 UIAH 87 545 7499 381 433 8035 396 978 7737 388 NEVAOA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2297 8556 463 OREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAMAII 95 ALASKA 96											
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NORTH CAROLINA 55 961 7511 383 292 6879 326 1273 7366 370 SDUTH CAROLINA 56 261 7582 390 23 6427 311 284 7488 384 GEORGIA 57 793 7189 367 218 7127 334 1011 7176 360 FLORIDA 58 1264 7822 388 303 7878 382 1567 7633 387 KENTUCKY 61 841 7389 382 102 7555 371 943 7407 381 TENNESSEE 63 1118 7632 387 59108 455 1123 7639 388 ALABAHA 64 1135 6543 327 743 5914 270 1876 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 731 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOHA 73 365 7240 376 400 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 10AHO 82 996 8084 429 205 8343 428 1201 8129 429 WYDHING 83 1 158 7224 394 33 7828 418 191 7328 398 10AHO 82 996 8084 429 205 8343 428 1201 8129 429 WYDHING 83 1 198 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 351 80 8291 413 3780 5491 413 410 410 410 410 410 410 410 410 410 410	VIRGINIA	52	807	8320	4 30	295	7647	386	1102	8140	418
SIUTH CAROLINA 56	WEST VIRGINIA	54	397	7219	373	89	7203	364	486	7216	371
ECORGIA 57 793 7189 367 218 7127 334 1011 7176 360 FLORIDA 58 1264 7822 388 303 7878 382 1567 7633 387 KENTUCKY 61 841 7389 382 102 7555 371 943 7407 381 TENNESSEE 63 1118 7632 387 5 9108 455 1123 7639 388 ALABAMA 64 1135 6543 327 743 5914 270 1878 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83 1 7990 449 1 7990 449 WYOMING 83 1 7990 449 1 7990 449 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 MASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514	NORTH CAROLIN	A 55	98 I	7511	383	292	6879	326	1273	7366	370
RENTUCKY 61 841 7389 382 102 7555 371 943 7407 381 TENNESSEE 63 1118 7632 387 5 9108 455 1123 7639 388 ALABAHA 64 1135 6543 327 743 5914 270 1878 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHDMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 351 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96	SOUTH CAROLIN	A 56	261	7582	390	23	6427	311	284	7488	384
KENTUCKY 61 841 7389 382 102 7555 371 943 7407 381 TENNESSEE 63 1118 7632 387 5 9108 455 1123 7639 388 ALABAMA 64 1135 6543 327 743 5914 270 1878 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6865 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 <td>GE DRG 1 A</td> <td>57</td> <td>793</td> <td>7189</td> <td>367</td> <td>218</td> <td>7127</td> <td>334</td> <td>1011</td> <td>7176</td> <td>360</td>	GE DRG 1 A	57	793	7189	367	218	7127	334	1011	7176	360
TENNESSEE 63 1118 7632 387 5 9108 455 1123 7639 388 ALABAMA 64 1135 6543 327 743 5914 270 1878 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 MYOMING 83 129 7387 402 10 6661 352 238 7356 400 NEH MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 MASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96	FLORIDA	58	1264	7822	388	303	7878	382	1567	7633	387
ALABAMA 64 1135 6543 327 743 5914 270 1878 6294 305 MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514	KENTUCKY	61	841	7389	382	102	7555	371	943	7407	381
MISSISSIPPI 65 570 6806 344 154 7177 340 724 6885 343 ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 391 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 OREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514	TENNESSEE	63	1118	7632	387	5	9108	455	1123	7639	388
ARKANSAS 71 187 7344 376 5 6826 343 192 7331 375 LUUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83 1 7990 449 1 7990 449 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 391 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514	A L AB AMA	64	1135	6543	327	743	5914	270	1878	6294	305
LOUISIANA 72 375 6479 333 43 5999 295 418 6430 329 OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MDNTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 426 1201 8129 429 WYOMING 83	MISSISSIPPI	65	570	6806	344	154	7177	340	724	6885	343
OKLAHOMA 73 365 7240 376 40 7149 372 405 7231 375 TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83	ARKANSAS	71	187	7344	376	5	6826	343	192	7331	375
TEXAS 74 2094 7849 408 370 7379 350 2464 7778 400 MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 MYOMING 83 1 7990 449 1 7990 449 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAM 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 MASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96	LOUISIANA	72	375	6479	333	43	5999	295	418	6430	329
MONTANA 81 158 7224 394 33 7828 418 191 7328 398 IDAHO 82 996 8084 429 205 8343 428 1201 8129 429 WYOMING 83 1 7990 449 1 7990 449 COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 OREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514	OKŁAHOMA	73	365	7240	376	40	7149	372	405	7231	375
IDAHD	TEXAS	74	2094	7849	408	370	7379	350	2464	7778	400
WYOMING 83 1 7990 449 1 7990 449 COLORADD 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 391 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511	MONTANA	81	158	7224	394	33	7828	418	191	7328	398
COLORADO 84 228 7387 402 10 6661 352 238 7356 400 NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96	IOAHO	82	996	8084	429	205	8343	428	1201	8129	429
NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 3:1 80 8291 413 UTAM 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 5:37 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96	WYDMING	83				1	7990	449	1	7990	449
NEW MEXICO 85 189 7547 395 12 8938 487 201 7630 400 ARIZONA 86 68 8425 427 12 7531 391 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96	COLORADO	84	228	7387	402	10	6661	352	238	7356	400
ARIZONA 86 68 8425 427 12 7531 331 80 8291 413 UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96											
UTAH 87 545 7499 381 433 8035 396 978 7737 388 NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 DREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96		86			427			3 2 1			413
NEVADA 88 113 9780 537 WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96											
WASHINGTON 91 1925 8522 467 1002 8620 455 2927 8556 463 DREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96						.33					
UREGON 92 2576 8770 474 1712 8465 436 4288 8648 459 CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96						1002	8620	455			
CALIFURNIA 93 501 9467 511 69 10597 531 570 9604 514 HAWAII 95 ALASKA 96									·		
HAWAII 95 ALASKA 96											
ALASKA 96			201	7401	511	69	10591	231	570	7004	214
U.S. AVERAGE 46902 7949 418 14044 7693 390 60946 7890 411	ALASKA ,	46									
	U.S. AVERAGE		46902	7949	418	14044	7693	390	60946	7890	411

BROWN SWISS

				1958 CALVING YEAR				
STATE	COOE	REGISTERED NO.RLCS. MILK	FAT	NON-R NO.RECS.	EGISTE:	REO FAT	ALL NO.RÉCS. MILK	EAT
MAINE	11	27 11761	476		11074	465	32 11654	475
NEW HAMPSHIRE	12	32 9375	385	4	10080	415	36 9453	388
VERMONT	13	184 11031	469	77	10652	445	261 10919	462
MASSACHUSETTS	14	382 10956	462	31	10454	427	413 10919	459
RHUDE ISLAND	15	16 10026	388				16 10026	388
CONNECTICUT	16	254 11607	491	30	10400	413	284 11479	483
NEW YORK	21	1395 10810	447	91	9760	397	1486 10746	444
NEW JERSLY	22	286 11071	465	20	10532	424	306 11036	462
PENNSYLVANIA	23	591 10423	4 3 5	195	9239	377	786 10129	420
0н10	31	1413 11067	460	88	10778	448	1501 11050	459
INOIANA	32	389 11002	456	2	13710	583	391 11016	457
1LLINO1S	33	1492 11229	463	255	10477	426	1747 11119	457
MICHIGAN	34	824 11025	440	241	9904	390	1065 10771	429
WISCONSIN	35	1434 11206	452	113	10456	415	1547 11151	449
MINNESOTA	41	853 11120	450	352	10010	397	1205 10796	435
IOWA	42	1644 10919	445	373	10244	410	2017 10794	439
M1SSOUR1	43	239 10214	418	29	9196	417	268 10169	418
NORTH OAKUTA	45	176 10154	417	10	11504	461	186 10226	420
SOOTH OAKOTA	46	108 11760	492	27	10985	407	135 11605	475
NEBRASKA	47	150 10220	423	21	9499	366	171 10132	416
KANSAS	48	232 10022	417	44	10128	426	276 10039	419
DELAWARE	50	9 9854	438	4	4625	217	13 8245	370
MARYLANO	51	196 9719	406	58	10874	452	254 9983	416
VIRGINIA	52	139 10850	450	21	11949	491	160 10995	456
WEST VIRGINIA	54	54 8089	326	3	10687	436	57 8226	331
NORTH CAROLIN	A 55	35 8885	361	4 I	8984	375	76 8938	369
SOUTH CAROLIN	A 56	73 10428	413	61	10490	432	134 10456	422
GE ORG I A	57	13 9025	377	39	8922	391	52 8948	388
FLORIDA	58	35 9511	376	8	10823	454	43 9755	390
KENTOCKY	61	102 9451	380	15	10309	415	117 9561	384
TENNESSEE	63							
AL AB AMA	64	12 7680	303	11	9847	405	23 8717	352
MISSISSIPPI	65	8 10951	427				8 10951	427
ARKANSAS	71	6 11502	465	ı	8150	352	7 11023	449
LOUISIANA	72	(0.11150		_			62.11102	
OKLAHOMA	73	49 11152	442		11695	476	53 11193	444
TEXAS	74 81	71 10188 79 11815	397 474	,	10982	423	76 10240 79 11815	399 474
IDAHO	82	57 10833	454,	9	10626	453	66 10777	454
WYOMING	83	12 10548	474		10426	491	13 10638	475
COLORAGO	84	161 11271	460		10340	432	164 11254	459
NEW MEXICO	85	101 11111	700	· · · · · · · · · · · · · · · · · · ·	10340	732	104 11234	4,7,
AR I ZONA	86			32	11212	429	32 11212	429
UTAH	87	6 10380	403		11369	449	21 11087	436
NEVADA	88			.,				
WASHINGTON	91	171 10958	451	26	10214	429	197 10860	448
OREGON	92	188 10976	465		11557	497	215 11049	469
CALIFURNIA	93	50 13288	549				50 13288	549
HAWALL	95							
ALASKA	96							
U.S. AVERAGE		13647 10923	449	2392	10178	412	16039 10812	443

MILKING SHORTHORN

				1996 CALVING TEAR						
STATE	COOE	REGISTERE NO.RECS. MILE	O FAT	NON-R NO.RECS.	EGISTE!	REO FAT	NO.RECS.	ALL MILK	FAT	
MAINE	11	64 8164		8	8441	335	72	8195	319	
NEW HAMPSHIRE	12	48 8906	3 3 2 7	4	9190	355	52	8928	-3 30	
VERMONT	13	40 10266	397	5	10638	437	45	10307	402	
MASSACHUSETTS	14	20 8326	5 322	3	11047	441	23	8681	338	
RHOOE ISLAND	15									
CONNECTICUT	16	15 7437	7 291	2	11075	488	17	7865	314	
NEW YORK	21	158 7853	299	15	8911	334	173	7944	302	
NEW JERSEY	22									
PENNSYLVANIA	23	125 8413	3 3 1 5	34	8322	340	159	8394	320	
0H10	31	141 8430	319	2	5815	242	143	8393	318	
ANAIONI	32	69 8830	3 3 9	4	7450	303	73	8754	337	
ILLINOIS	33	271 817	7 307	28	9680	375	299	8318	314	
MICHIGAN	34	146 8394	314	23	7080	269	169	8215	308	
WISCONSIN	35	246 9129	347	5	10566	431	251	9158	349	
MINNESOTA	41	259 8499	5 322	29	9864	387	288	8633	328	
IUWA	42	332 837	320	33	8473	327	365	8388	321	
MISSOURI	43	87 9462	2 387	15	8959	375	102	9388	386	
NORTH OAKOTA	45	59 8822	2 351	13	8398	322	72	8746	346	
SOUTH OAKOTA	46									
NEBRASKA	47	86 781	1 303	3	8837	346	89	7845	305	
KANSAS	48	198 7578	3 306	10	7748	308	208	7586	306	
DELAWARE	50			4	8025	284	4	8025	284	
MARYLAND	51	92 8216	5 326	7	8559	357	99	8240	329	
VIRGINIA	52	66 7462			11306	437	76	7968	324	
WEST VIRGINIA	54			2	6195	262	2	6195	262	
NORTH CAROLIN		18 5111	200	12	5938	253	30	5442	221	
SOUTH CAROLINA										
GEORGIA	57			1	7680	296	1	7680	296	
FLORIDA	58									
KENTUCKY	61	1 9620	0 446	1	8760	301	2	9190	374	
TENNESSEE	63									
ALABAMA	64			5	7030	292	5	7030	292	
MISSISSIPPI	65									
ARKANSAS	71	7 1014	7 389	2	10400	445	9	10203	401	
LOUISIANA	72			1	5860	251	1	5860	251	
OKLAHOMA	73	60 806	4 303				60	8064	303	
TEXAS	74	38 8070		6	9073	370	44	8207	303	
MONTANA	81	38 7480			10005	409	40	7606	288	
IOAHO	82	79 886			10130	389	81	8900	328	
WYOMING	83									
COLORADO	84	48 778	3 290				48	7783	290	
NEW MEXICO	85									
ARIZONA	86			3	10160	366	3	10160	366	
UTAH	87				9516	423		9516	423	
NEVADA	88				-					
WASHINGTON	91	53 927	9 351	59	9224	394	112	9250	374	
OREGON	92	94 906		27		406	121	9186	354	
CALIFORNIA	93	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2,						
IIAWAH	95									
ALASKA	96									
,	, 0									
U.S. AVERAGE		2958 839	3 321	387	8872	358	3345	8449	325	

RED DANE

STATE	C00E	REGISTERED NO.RECS. MILK	FAT	NUN-R	EGIZTER	RED FAT	ND.RECS.	ALL	FAT
MAINE	11	Mothe Cost Mick		1	6340	315		6340	315
NEW HAMPSHIRE	12			•	03.0	3.7	•	03.0	,,,
VERMONT	13			4	8838	427	4	8838	427
MASSACHUSETTS	14			•	0000	421	·	0030	721
RHODE ISLAND	15								
CONNECTICUT	16								
NEW YORK	21								
NEW JERSEY	22								
PENNSYLVANIA	23			2	6430	214	2	6430	214
0н10	31			4	8798	339	4	8798	339
INDIANA	32			·	0.70	33,	·		
1111015	33			ı	9880	440	1	9880	440
M1CH1GAN	34	3 10497	392	71	8614	329	74	8690	, 332
w I SCONS IN	35	3 23.7.		2	7700	329	2	7700	329
MINNESOTA	41			_		/			
IOWA	42								
M1SSOUR1	43			2	2590	105	2	2590	105
NORTH OAKOTA	45								
SOUTH DAKOTA	46								
NEBRASKA	47								
KANSAS	48								
DELAWARE	50								
MARYLANO	51								
VIRGINIA	52								
WEST VIRGINIA	54								
NORTH CAROLINA	A 55								
SOUTH CAROLINA	A 56								
GEORGIA	57								
FLORIDA	58								
KENTUCKY	61								
TENNESSEE	63							ls.	. ;
AL A8AMA	64			8	9395	413	8	9395	. 413
MISSISSIPP1	65								
ARKANSAS	71	•							
LOUISIANA	72								
OKLAHUMA	73								
TEXAS	74			1	7050	291	1	7050	291
MONTANA	18								
10AH0	82		160						
WYOMING	83								
COLORAGO	84			*					
NEW MEXICO	85								
AR I ZONA	86								
UTAH	87								
NEVAGA	88								
WASHINGTON	91								
OREGON	92			3	8707	368	3	8707	368
CALIFORNIA	93								
HAWAII	95								
ALASKA	96			6	11960	505	6	11960	505
U.S. AVERAGE		3 10497	392	105	8685	345	108	,8735	346

RED POLL

STATE	COOE	REGI NO.RÉCS.	STERED				STERE		NO 0555	ALL	
u a taic		NU. KCC3.	WIFV	FAT	NO.REC			FAT	NO.RECS.		FAT
MAINE	11					1 129	760	489	ı	12960	489
NEW HAMPSHIRE											
VERMONT	13										
MASSACHUSETTS											
RHOOE ISLAND	15										
CONNECTICUT	16										
NEW YORK	21										
NEW JERSEY	22										
PENNSYLVANIA	23										
0110	31	23	9151	3 65		1 11:	220	422	24	9237	368
ANAIONI	32										
ILLINDIS	33	14	6920	274		5 90	550	381	19	7638	302
MICHIGAN	34					2 8	395	350	2	8895	350
WISCONSIN	35	7	8084	325					7	8084	325
MINNESOTA	41	21	7230	287		4 94	490	344	25	7592	296
IOWA	42	36	7422	321		2 7	785	338	38	7441	322
M1 SSOURI	43					1 6	760	293	1	6760	293
NORTH OAKOTA	45	10	6822	293		1 7	740	354	11	6905	299
SOUTH OAKOTA	46										
NEBRASKA	47										
KANSAS	48										
OLLAWARE	50										
MARYLANO	51										
VIRGINIA	52										
WEST VIRGINIA	54										
NORTH CAROLIN	A 55										
SOUTH CAROLIN	A 56										
GEORGIA	57										
FLORIDA	58										
KENTUCKY	61										
TENNESSEE	63										
AL ABAMA	64										
MISSISSIPPI	65										
ARKANSAS	71										
LOUISIANA	72										
OKLAHOMA	73										
TEXAS	74										
MONTANÀ	81										
IOHAO	82										
WYOMING	83										
CULORAGO	84										
NEW MEXICO	85										
ARIZONA	86										
UTAH	87										
NE VADA	88										
WA SHINGTON	91					1 14		700		14110	700
OREGON	92					1 9	760	400	1	9760	400
CALIFORNIA	93										
HAWAII	95										
ALASKA .	96										
U.S. AVERAGE		111	7668	316	1	9 99	585	385	130	7948	326

305-DAY STANDARDIZED LACTATION AVERAGES BY STATE, BY CALVING YEAR, BY BREED, BY CALVING MONTH - 1958

UNITED STATES

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT
JANUARY 1500 9850 399	161 9026 362	1661 9770 396	6318 8749 418	2063 8267 384	8381 8631 410
FEBRUARY 1306 9828 401 MARCH 1404 9662 392	161 8680 352 187 8713 351	1467 9702 395 1591 9551 387	5170 8729 417 5603 8655 414	1809 8092 375 1939 8183 379	6979 8564 406 7542 8534 405
APRIL 997 9588 391 MAY 813 9301 380 JUNE 763 9135 372	148 8461 341 113 8530 342 104 8179 333	1145 9443 384 926 9207 375 867 9020 367	4619 8554 410 4070 8392 404 3967 8160 394	1469 7999 372 1268 7850 364 1378 7639 355	6088 8420 401 5338 8263 394 5345 8026 384
JULY 1210 9007 367 AUGUST 2007 8967 369 SEPTEMBER 2277 9363 386	159 7585 313 207 7942 320 268 8464 344	1369 8842 361 2214 8871 365 2545 9268 381	5263 8003 390 7101 7929 387 7793 8200 402	1656 7271 343 2348 7387 350 2859 7718 366	- 6919 7828 379 9449 7794 378 10652 8071 392
OCTOBER 2134 9781 403 NOVEMBER 1621 9997 409 DECEMBER 1327 9934 405	222 8928 364 177 8699 353 165 8913 358	2356 9700 400 1798 9869 403 1492 9821 400	7687 8586 418 6881 8806 426 6714 8898 426	2856 7944 377 2444 8184 384 2335 8197 380	10543 8412 407 9325 8643 415 9049 8717 414
YEAR AV. 17359 9548 391	2072 8522 345	19431 9439 386	71186 8479 410	24424 7905 370	95610 8332 400
	HOLSTEIN			JERSEY	
CALVING REGISTERED . MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 17414 12840 466 FEBRUARY 14115 12777 464	13094 11635 420 11111 11559 419	30508 12323 446 25226 12241 444	4429 8144 426 3874 8181 426	1136 7917 402 1044 8053 404	5565 8097 421 4918 8153 421
MARCH 14399 12737 464 APRIL 10706 12650 461	11510 11476 416 8367 11504 418	25909 12177 443 19073 12147 442	3886 8162 426 2906 8158 427	1118 8084 408 840 7825 395	5004 8145 422 3746 8084 420
MAY 9541 12531 455 JUNE 9839 12296 449	7711 11381 413 8794 11201 409	17252 12017 436 18633 11779 430	2281 8020 420 1857 7563 394	691 7637 383 697 7371 370	2972 7931 411 2554 7510 388
JULY 14578 12110 444 AUGUST 22119 12126 445 SEPTEMHER 26783 12501 460	13139 10997 402 18947 11014 404 23103 11456 419	27717 11583 424 41066 11613 426 49886 12017 441	3414 7507 395 4629 7400 391 5483 7650 406	1015 7252 368 1491 7331 374 1722 7450 382	4429 7448 389 6120 7384 387 7205 7602 400
OCTOBER 26395 12860 474 NOVEMBER 21885 13028 478 OECEMBER 20952 13001 474	23155 11765 429 18189 11884 433 18238 11871 430	49550 12349 453 40074 12509 457 39190 12475 454	5336 7946 421 4472 8222 434 4335 8370 438	1611 7727 396 1334 7833 397 1345 7878 398	6947 7895 415 5806 8133 426 5680 8253 429
YEAR AV. 208726 12647 463	175358 11510 419	384084 12128 443	46902 7949 418	14044 7693 390	60946 7890 411
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO MONTH NUMBER MILK FAT	BROWN SWISS NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED Number milk fat	M. SHORTHORN NON→REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
CALVING REGISTERED	NON-REGISTEREO			NON-REGISTERED	
CALVING REGISTERED MONTH NUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416	NUMBER MILK FAT 1437 10928 443 1252 11152 453	NUMBER MILK FAT 299 8436 321 222 8847 336	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367	NUMBER MILK FAT 340 8512 327 259 8908 340
CALVING REGISTERED MONTH NUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 APRIL 953 10965 448 MAY 763 10799 438	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 325 227 8221 313	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8506 324
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 APRIL 953 10799 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 1155 10294 429 SEPTEMBER 1323 10593 442	NON-REGISTER EO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 325 227 8221 313 283 7790 298 291 7908 303	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 45 8588 350	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8858 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7999 309
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 APRIL 953 10965 448 MAY 783 10799 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 1155 10294 429	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1359 10190 424	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 325 227 8221 313 283 7790 298	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336	NUMBER ÄILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 APRIL 953 10965 448 MAY 763 10799 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 1155 10294 429 SEPTEMBER 1323 10593 442 OCTUBER 1475 11178 465 NOVEMBER 1314 11312 466	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401 260 10523 426 279 10504 427	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 321 283 7790 298 291 7908 303 324 8257 321 318 8538 331	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 45 8588 350 43 8883 364 39 8654 347	NUMBER MILK FAT 340 8512 327 259 8708 340 276 8858 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7999 309 367 8330 326 357 8550 333
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 APRIL 953 10965 448 MAY 783 10799 438 JUNE 1073 10326 426 AUGUST 1155 10294 429 SEPTEMBER 1323 10593 442 OCTUBER 1475 11178 466 OCCEMBER 1475 11178 466	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9813 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 321 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 45 8580 350 43 8883 364 39 8654 347 32 9106 358	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7899 309 367 8350 326 357 8550 333 296 8888 343
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 APRIL 953 10965 448 MAY 783 10799 438 JUNE 1073 10326 426 AUGUST 1155 10294 429 SEPTEMBER 1323 10593 442 OCTUBER 1475 11178 466 OCCEMBER 1475 11178 466	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9813 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460 16039 10812 443	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 321 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 45 8580 350 43 8883 364 39 8654 347 32 9106 358	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7899 309 367 8350 326 357 8550 333 296 8888 343
CALVING REGISTERED NUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 MAY 783 10799 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 1155 10294 429 SEPTEMBER 1323 10593 442 OCTUBER 1475 11178 465 NOVEMBER 1475 11178 466 OECEMBER 1299 11374 464 YEAR AV. 13647 10923 449 CALVING REGISTERED	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435 2392 10178 412 RED DANE NON-REGISTEREO	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460 16039 10812 443	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 321 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 45 8588 350 43 8883 364 39 8654 347 32 9106 358 387 8872 358 RED POLL NON-REGISTERED	NUMBER MILK FAT 340 8512 327 259 8708 340 276 8585 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7899 309 367 8350 323 3296 8888 343 3345 8449 325
CALVING REGISTERED NUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 MAY 783 10799 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 1155 10294 429 SEPTEMBER 1323 10593 442 OCTUBER 1475 11178 465 NOVEMBER 1475 11178 466 OECEMBER 1299 11374 464 YEAR AV. 13647 10923 449 CALVING REGISTERED	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435 2392 10178 412 REO OANE NON-REGISTEREO	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460 16039 10812 443	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 322 227 8221 313 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341 2958 8393 321	NON-REGISTEREO NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 45 8588 350 43 8883 364 39 8654 347 32 9106 358 387 8872 358 RED POLL NON-REGISTERED	NUMBER MILK FAT 340 8512 327 259 8708 340 276 8585 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7899 309 367 8350 323 3296 8888 343 3345 8449 325
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1095 11272 459 MARCH 1176 11034 448 APRIL 953 10965 448 MAY 783 10799 438 JUNE 1073 10326 426 AUGUST 155 10294 429 SEPTEMBER 1323 10593 442 OCTUBER 1475 11178 465 NOVEMBER 1314 11312 466 OECEMBER 1299 11374 464 YEAR AV. 13647 10923 449 CALVING NUMBER MILK FAT JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435 2392 10178 412 RED DANE NON-REGISTERED NUMBER MILK FAT 8 7421 304 3 11640 458	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460 16039 10812 443	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 325 227 8221 313 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341 2958 8393 321 REGISTEREO NUMBER MILK FAT 8 8046 320 11 7826 318	NON-REGISTEREO NUMBER MILK FAT 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 89196 388 350 43 8883 364 39 8654 347 32 9106 358 387 8872 358 RED POLL NON-REGISTERED NUMBER MILK FAT 2 8400 351 3 8967 366	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8506 324 156 8573 328 256 8207 315 317 7864 302 336 7999 309 367 8350 333 296 8888 343 3345 8449 325
CALVING REGISTERED NUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1085 11272 459 MARCH 1176 11034 448 MAY 783 10905 448 MAY 783 10905 448 MAY 783 10905 448 MAY 783 10909 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 155 10294 429 SEPTEMBER 1323 10593 442 OCTOBER 1475 11178 465 NOVEMBER 1314 11312 466 OECEMBER 1299 11374 464 YEAR AV. 13647 10923 449	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435 2392 10178 412 REO DANE NON-REGISTEREO NUMBER MILK FAT 8 7421 304 3 11640 458 7 9069 358 2 7870 327 5 7110 277	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460 16039 10812 443 *** *** *** *** *** *** ***	NUMBER MILK FAT 299 8436 321 222 8847 336 243 8472 321 194 8722 330 145 8471 321 148 8518 325 227 8221 313 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341 2958 8393 321 REGISTEREO NUMBER MILK FAT 8 8046 320 11 7826 318 10 8035 331 9 7502 300 4 8033 315	NON-REGISTERED NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 43 8883 364 39 8654 347 32 9106 358 387 8872 358 RED POLL NON-REGISTERED NUMBER MILK FAT 2 8400 351 3 8967 366 1 11220 422 2 9685 352 2 8840 355 2	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8506 324 156 8553 328 256 8207 315 317 7864 302 336 7895 307 367 8330 326 357 8550 333 296 8888 343 3345 8449 325 NUMBER MILK FAT 10 8117 326 14 8071 328 11 8325 339 11 7899 309 6 8302 318
CALVING MUMBER MILK FAT JANUARY 1238 11040 448 FEBRUARY 1005 11272 459 MARCH 1176 11034 448 APRIL 953 10955 448 MAY 783 10799 438 JUNE 773 10577 435 JULY 1073 10326 426 AUGUST 155 10294 429 SEPTEMBER 1323 10593 442 OCTOBER 1374 1178 465 NOVEMBER 1314 11312 466 OCCEMBER 1299 11374 464 YEAR AV. 13647 10923 449 CALVING MUNTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST 1 7070 272	NON-REGISTEREO NUMBER MILK FAT 199 10234 410 167 10372 416 176 10040 401 135 10067 403 136 9960 398 145 9972 400 180 9802 399 214 9633 397 254 9812 401 260 10523 426 279 10504 427 247 10788 435 2392 10178 412 REO DANE NON-REGISTEREO NUMBER MILK FAT 8 7421 304 3 11640 458 7 9069 358 7 9069 358 2 7870 327 5 7110 277 7 8220 330 9 8232 342 19 8498 336	NUMBER MILK FAT 1437 10928 443 1252 11152 453 1352 10904 442 1088 10854 443 919 10675 432 918 10481 429 1253 10251 422 1369 10190 424 1577 10467 435 1735 11080 459 1593 11171 460 1546 11280 460 16039 10812 443 ALL NUMBER MILK FAT 8 7421 304 3 11640 458 7 9069 358 7 9069 358 7 9069 358 7 9069 358 7 9203 330 9 8232 342 20 8427 333	NUMBER MILK FAT 299 8436 321 222 8847 321 194 8722 330 145 8471 321 148 8518 325 227 8221 313 283 7790 298 291 7908 303 324 8257 321 318 8538 331 264 8862 341 2958 8393 321 REGISTEREO NUMBER MILK FAT 8 8046 320 11 7826 318 10 8035 331 9 7502 300 4 8033 315 8 7799 317 13 7114 282 7 8120 346	NON-REGISTERED NUMBER MILK FAT 41 9062 374 37 9276 367 33 9421 371 29 9111 375 17 8802 354 8 9196 388 29 8094 329 34 8480 336 43 8883 364 39 8654 347 32 9106 358 387 8872 358 RED POLL NON-REGISTERED NUMBER MILK FAT 2 8400 351 3 8967 366 1 11220 422 2 9685 352 2 8840 355 2	NUMBER MILK FAT 340 8512 327 259 8908 340 276 8585 327 223 8773 336 162 8503 324 156 8553 328 256 8207 315 317 7864 302 336 799 309 367 8330 326 357 8550 333 296 8888 343 3345 8449 325 NUMBER MILK FAT 10 8117 326 14 8071 328 11 8925 339 11 7899 309 6 8302 318 10 8003 331 13 7114 282 7 8120 346

ALL BREEOS

STATE	COOE		TEREO			REGISTE			ALL	
		NO.RECS.		FAT	NO.RECS		FAT	NO.RECS.		FAT
MAINE	11	4927 1		460		10470	418	10271		438
NEW HAMPSHIRE	12	4003 1		457		10458	419		10951	447
VERMONT	13	9202 1		454	7865	9764	395	17067		427
MASSACHUSETTS	14	7674 1		457		10604	412	12554		440
RHOOE ISLANO	15	1050 1		438		10703	407		10736	433
CONNECTICUT	16	7247 1		472		10801	412	11657		449
NEW YORK	21	54150 1		451		10968	402	77198		437
NEW JERSEY	22	7256 1		465		11069	414	10452		450
PENNSYLVANIA	23	58369 1		433		10474	402	102021		420
0H10	31	18884 1		430		11222	418	26954		426
INOIANA	32	7019 1		458		11892	456		10993	458
ILLINOIS	33	15491 1		457		11317	426	26694		444
MICHIGAN	34	17226 1		450		11189	419	39668		432
WISCONSIN	35	17202 1	.0920	437	17791	11631	435	34993	11281	436
MINNESOTA	41	12491 1	·	449		11702	427	40 623	11673	434
IOWA	42	11844 1	1329	445	14024	11069	414	25868	11188	428
MISSOURI	43	3941 1	.0333	438	2713	10807	423	6654	10526	432
NORTH OAKOTA	45	919 1	1070	427	1724	10742	398	2643	10856	408
SOUTH OAKOTA	46	699 1	2050	458	713	11542	401	1412	11794	429
NE 8RASKA	47	2062 1	1144	452	853	11203	413	2915	11162	441
KANSAS	48	5388 1	0559	428	3971	11075	418	9359	10778	423
DELAWARE	50	1470 1	0334	415	1183	9152	355	2653	9807	389
MARYLANO	51	11500 1	0683	433	7600	10159	388	19100	10474	415
VIRGINIA	52	10643 1	0859	447	14694	10769	412	25337	10806	427
WEST VIRGINIA	54	2054	9632	387	1013	9693	373	3067	9653	382
NORTH CAROLIN	A 55	7038	9543	395	8658	9441	357	15696	9487	374
SOUTH CAROLINA	A 56	2819	8567	373	2663	8559	327	5482	8563	350
GEORGIA	57	2265	9409	396	2020	8951	350	4285	9193	374
FLORIDA	58	2785	8187	366	971	8769	385	J 3756	8337	371
KENTUCKY	61	2873	9704	403	1850	10460	393	4723	10000	399
TENNESSEE	63	1262	7857	391	10	7681	346	1272	7856	391
ALA8AMA .	64	1818	7395	339	5187	8000	306	7005	7843	314
MISSISSIPPI	65	1343	7450	345	766	7922	329	2109	7621	339
ARKANSAS	71	-501	7280	315	535	7847	309	1036	7573	312
LOUISIANA	72	641	7446	350	44	8933	367	685	- 7542	351
OKLAHOMA	73	1324	9377	395	476	11033	417	1800	9815	401
TEXAS	74	3292	9034	406	3078	10681	397	6370	9830	401
MONT ANA	81	616 1	1094	455	672	11866	433	1288	11497	443
IOAHO	82	3348 1	1026	463	2054	12211	470	5402	11477	466
WYOMING	83	174 1		470	113	11887	411	287	12761	447
COLORADO	84	1647 1	1385	444	309	11972	451	1956	11478	445
NEW MEXICO	85	590	9383	439	105	12188	490	695	9807	447
ARIZONA	86	696 1		459		12468	455	2395		456
UTAH	87	2647 1		460		12262	452	8391		455
NEVAGA	88	110		519		12973	451		10920	498
WASHINGTON	91	7067 1		483		11981	474	14733		478
OREGON	92	4897		462		10571	439	11280		449
	93	2254 1		514		13675	532	2988		518
HAWAII	95	32 1		373		11970	405		11152	376
	96	10 1		516		13253	519		13965	517
		.0 1			·		,	• •		•
U.S. AVERAGE		344760 1	0985	441	282802	10864	411	627562	10930	428

AYRSHIRE

STATE	COOE	REGI	STEREO	FAT	NON-H NO.RECS.	EGISTE	REO FAT	NO.RECS	ALL	FAT
	11	386	9811	400	101	8538	347	487	9547	389
MAINE NEW HAMPSHIRE	12	468	9715	398	41	9534	381	509	9700	397
	13		10024	406	298	8686	347	1428	9745	394
VERMONT	14		10103	418	153	9089	- 376	912	9933	411
MASSACHUSETTS RHOOE ISLANO	15	230	9781	395	15	8346	337	245	9693	391
CONNECTICUT	16	704	9466	387	109	8107	330	813	9284	379
NEW YORK	21	2950	9769	394	326	9016	355	3276	9694	390
NEW JERSEY	22	35	9683	394		10380	405	40	9771	395
		1707	85 79	350	569	8081	331	2276	8454	345
OHIO OHIO	23 31	467	9467	377	64	9663	374	531	9490	376
INOIANA	32	144	8992	361	1	9440	352	145	8995	361
	33	257	9362	392	24	9273	366	281	9354	389
ILLINOIS	34		10703	444	50	9268	368		10380	427
MICHIGAN										
	35	296	9163	376		10560	416	315	9247	378
MINNESOTA	41	447	9212	372	79	9620	374	526	9273	372
IOWA	42	482	9436	381	73	8633	346	555	9330	377
MISSOURI	43		10506	429	8	9200	362		10031	405
NORTH OAKOTA	45	3	3830	152				3	3830	152
SOUTH OAKOTA	46		11306	461	1	8970	347		11237	458
NEBRASKA	47	10	7129	304	15	7658	311	25	7446	308
KANSAS	48	829	9304	385	91	8709	363	920	9245	383
OELAWARE	50	212	8920	357	41	7881	315	253	8751	351
MARYLANO	51	761	9576	393	94	8877	356	855	9499	389
VIRGINIA	52	200	8344	340	76	8810	360	276	8473	346
WEST VIRGINIA	54	135	8486	342	15	7321	296	150	8370	337
NORTH CAROLINA	55	305	8936	355	86	7154	284	391	8544	339
SOUTH CAROLINA	56				2	6755	218	2	6755	218
GEORGIA	57	22	9475	359	6	9042	359	28	9382	359
FLORIOA	58	41	8802	338	4	10545	455	45	8957	348
KENTUCKY	61	I 4	8031	316	1	12860	442	15	8353	325
TENNESSEE	63									
ALABAMA	64	73	7318	278	45	6752	257	118	7102	270
MISSISSIPPI	65	34	6851	271	4	.6553	263	38	6819	270
ARKANSAS	71	5	7358	301	2	6925	274	7	7234	293
LOUISIANA	72	1	2180	75				1	2180	75
OKLAHOMA	73	83	9585	385				83	9585	385
TEXAS	74	51	8653	332	5	8858	376	56	8672	336
MONTANA	81	34	11371	460	1	10340	432	35	11341	459
OHAOI	82	47	10343	415	1	7390	319	48	10281	413
WYOMING	83	4	8695	338				4	8695	338
COLORAGO	84	81	10254	423				81	10254	423
NEW MEXICO	85									
ARIZONA	86	7	8887	3 3 8	4	8590	301	11	8779	324
UTAH	87	47	8485	333	8	10403	386	55	8764	341
NEVAGA	88									
WASHINGTON .	-91	166	10126	410	67	9418	395	233	9922	406
OREGON	92	40	9980	400	38	10753	432	78	10356	416
CALIFORNIA	.93	1	4710	1 80				1	4710	. 180
HAWAI1	95									
ALASKA	96									
U.S. AVERAGE		13887	9464	385	2542	9640	348	16429	9336	379

GUERNSEY

STATE	COOE	REGI:	STEREO MILK	FAT	NON-F	REGISTE	EREO FAT	NO.RECS.	ALL MILK	FAT	
MAINE	11	886	8694	426	739	7999	375	1625	8378	403	
NEW HAMPSHIRE	12	628	8844	414	142	7841	364	770	8659	405	
VERMONT	13	852	8735	417	545	7896	365	1397	8408	397	
MASSACHUSETTS	14	1506	8816	425	590	8057	379	2096	8602	412	
RHOOE ISLAND	15	186	9424	451	5	8700	381	191	9405	449	
CONNECTICUT	16	2496	9395	456	424	8301	382	2920	9236	445	
NEW YORK	21	5696	8815	423	1221	8047	373	6917	8679	414	
NEW JERSEY	22	2219	8890	4 35	275	7884	369	2494	8779	428	
PENNSYLVANIA	23	9675	7945	380	5291	7520	348	14966	7795	369	
0Н10	31	4201	8723	416	445	8356	379	4646	8688	412	
INGIANA	32	2386	9132	450	93	9013	426	2479	9128	449	
ILLINOIS	33	2548	8937	4 30	664	8219	380	3212	8789	420	
MICHIGAN	34	2520	8801	429	1887	8053	384	4407	8481	410	
WISCONSIN	35	4254	8530	411	2113	8360	396	6367	8473	406	
MINNESOTA	41	1770	8468	410	2212	8094	386	3982	8260	397	
IOWA	42	1439	8620	419	1369	8224	388	2808	8427	404	
MISSOURI	43	975	8669	424	282	8152	383	1257	8553	415	
NORTH CAKOTA	45	92	8481	409	131	8124	382	223	8271	393	
SOUTH OAKOTA	46	78	8612	409	30	8045	367	108	8455	397	
NEBRASKA	47	589	8745	427	82	8205	395	671	8679	423	
KANSAS	48	622	8198	415	139	7714	374	761	8110	407	
DELAWARE	50	457	7872	375	264	7013	313	721	7557	352	
MARYLANO	51	2708	8468	414	857	7706	358	3565	8285	401	
VIRGINIA	52	3749	8648	422	1737	7849	371	5486	8395	406	
WEST VIRGINIA	54	393	7498	363	147	7756	358	540	7568	361	
NORTH CAROLINA	55	2143	8115	392	940	6764	309	3083	7703	367	
SOUTH CAROLINA	56	1781	7828	366	655	6893	301	2436	7577	348	
GEORGIA	57	410	7826	382	372	6714	308	782	7297	347	
FLORIDA	58	1233	7377	331	283	8210	377	1516	7533	340	
KENTUCKY	61	459	7748	378	83	7505	348	542	7711	374	
TENNESSEE	63	522	8574	415	3	6773	347	525	8563	414	
AL ABAMA	64	343	7178	325	496	6499	285	839	6777	301	
MISSISSIPPI	65	666	7507	344	101	7394	332	767	7492	343	
ARKANSAS	71	130	7327	331	61	5869	275	191	6861	313	
LOUISIANA	72	383	7453	355	5	8080	379	388	7461	355	
OKLAHOMA	73	340	7497	354	16	8638	366	356	7548	354	
TEXAS	74	485	8621	400	118	7945	356	603	8489	392	
MONTANA	81	113	9379	475	11	8052		124	9261	466	
IOAHO	82	797	9226	442		9363	435	939	9247	441	
WYOMING	83	10	8739	433	4	7945	336	14	8512	405	
COLORAGO	84	213	9022	435	47		397	260	8946	428	
NEW MEXICO	85	392	9449	449		10321	492	415	9497	451	
AR1ZONA	86	214	9880	466		10245	463		10009	465	
UTAH	87	345	8250	395	204	8427	385	549	8316	391	
NEVAGA	88	2	5400	247	1	9800	407	3	6867	300	
			9359			9261	438	3170	9324	453	
WASHINGTON	91	2019		461	1151						
OREGON	92	1464	8944	442	1172	8615	405	2636	8798	425	
CALIFORNIA	93	988	9618	469	117	8399	398	1105	9489	461	
HAWAII	95										
ALASKA	96										
1) C A) CO		40335	05/1		27021	7022	270	0/100	0.2.70	400	
U.S. AVERAGE		68377	8561	413	27806	7933	370	96183	8379	400	

305-OAY STANOARDIZEO LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1959

HOLSTEIN

STATE	COOE	REGIST		NON-REC No.recs. M	GISTEREO HILK FAT	NO.RECS.	ALL Mllk	FAT
MAINE	11	2541 12		3868 11			12024	456
NEW HAMPSHIRE	12	2328 12		1021 11	1251 428	3349	12241	467
VERMONT	13	3976 12	905 482	4791 10	0915 400	8767	11817	437
MASSACHUSE TTS	14	4002 12	867 485	3758 11	1331 421	7760	12123	454
RHCOE ISLANO	15	513 12	259 458	147 11	1476 421	660	12085	450
CONNECTICUT	16	3123 13	475 503	3553 11	1476 422	6676	12411	460
NEW YORK	21	40708 12	760 463	20500 11	1312 405	61208	12275	444
NEW JERSEY	22	4282 12	891 481	2822 11	1459 418	7104	12322	456
PENNSYLVANIA	23	44490 12	032 450	35967 11	1092 412	80457	11612	433
0110	31	9323 12	472 449	6774 11	1730 421	16102	12160	437
INOI ANA	32	3154 13	124 484	754 12	2445 463	3908	12993	480
ILLINOIS	33	9844 12	717 474	10086 11	1624 430	19930	12164	452
MICHIGAN	34	12108 12	800 462	19329 11	1677 424	31437	12109	439
WISCONSIN	35	9539 12	447 453	14906 12	2248 442	24445	12326	447
MINNESOTA	41	8283 12	980 470	24883 12	2144 432	33166	12353	441
IOWA	42	6644 12	916 469	11563 11	1605 419	18407	12092	438
M1 SSOUR1	43	1769 12	440 458	2101 11	1516 431	3870	11938	443
NORTH OAKOTA	45	553 12	236 446	1527 11	1037 400	2080	11356	412
SOUTH OAKOTA	46	470 12	964 458	636 11	1808 403	1106	12299	426
NEBRASKA	47	1117 13	067 481	722 11	1686 417	1839	12525	456
KANSAS	48	2862 12	279 455	3572 11	1440 425	6434	11814	438
OELAWARE	50	723 12	530 458	813 10	0013 368	1536	11198	411
MARYLANO	51	6829 12	169 453	6457 10	0571 393	13286	11392	424
VIRGINIA	52	5681 12	852 473	12569 11	1254 418	18250	11751	435
WEST VIRGINIA	54	1126 11	403 411	777 10	0350 378	1903	10973	397
NORTH CAROLIN	A 55	3263 11	483 414	7048 10	0031 366	10311	10491	381
SOUTH CAROLIN	A 56	657 10	907 384	1746	9151 330	2403	9631	345
GEORGIA	57	976 11	765 423	1312	9973 364	2288	10737	389
FLORIOA	58	422 11	280 397	254 10	0418 374	676	10956	388
KENTUCKY	61	1443 11	704 425	1551 11	1018 399	2994	11348	412
TENNESSEE	63	2 11	445 405	 2 10	0175 394	4	10810	400
AL ASAMA	64	239 10	676 377	3188	9081 322	3427	9192	326
MISSISSIPPI	65	96 10	876 386	290 10	0018 359	386	10232	366
ARKANSAS	71	124 9	342 328	342 9	9049 329	466	9127	329
LOUISIANA	72	51 11	341 411	21 11	1010 392	72	11245	405
OKLAHOMA	73	436 12	814 465	411 11	1517 421	847	12184	443
TEXAS	74	773 12	570 453	2527 11	1368 407	3300	11649	418
MONTANA	81	261 13	524 476	624 12	2149 435	885	12555	447
IOAHO	82	1453 13	915 501	1652 13	3025 479	3105	13441	489
HYOM1 NG	83	152 13	837 473	108 12	2072 415	260	13104	449
COLORAGO	84	954 12	898 458	240 -12	2822 464	1194	12883	459
NEW MEXICO	85	59 13	196 484	71 13	3450 501	130	13335	493
ARIZONA	86	403 13	163 460	1555 12	2662 455	1958	12765	456
UT AH	87	1799 13	495 490	5062 12	2795 460	6861	12979	467
NE VAOA	88	9 14	701 503	47 13	3151 454	56	13400	462
WASHINGTON	91	2760 14	242 507	5462 13	3158 487	8222	13522	494
OKEGON	92	712 13	780 496	3442 12	2187 449	4154	12460	457
CALIFORNIA	93	841 15	898 576	532 15	5239 557	1373	15643	569
HAWA11	95	32 11	075 373	3 11	1970 405	35	11152	376
AL ASKA	96	10 14	464 516	1 12	2950 512	11	14326	515
U.S. AVERAGE		204120 12	585 462	231387 11	1497 419	435507	12007	439

JERSEY

STATE	COOE	REGI	STEREO			NON-R	EGISTE	REO		ALL	
		NO.RECS.	MILK	FAT	NO	.RECS.		FAT	NO.RECS.	MILK	FAT
MAINE	11	1008	8435	440		600	7885	401	1608	8230	426
NEW HAMPSHIRE	12	530	8416	45C		185	8487	430	715	8435 1	445
VERMONT	13	3016	8397	447	*	2133	7760	395	5149	8133	425
MASSACHUSETTS	14	1067	8340	440		318	7660	387	1385	8184	428
RHOOE ISLANO	15	118	8134	419		18	7054	360	136	7991	411
CONNECTICUT	16	666	8669	456		262	7076	359	928	8219	428
NEW YORK	21	3312	7830	410		793	7632	387	4105	7792	406
NEW JERSEY	22	399	8885	476		73	8477	431	472	8822	469
PENNSYLVANIA	23	2056	7474	393		1604	7369	377	3660	7428	386
0H10	31	3428	7634	395		598	7829	401	4026	7663	396
INOIANA	32	932	7920	407		40	8509	413	972	7945	408
ILLINOIS	33	1247	7829	404		172	7697	396	1419	7813	403
MICHIGAN	34	1567	7608	400		915	7731	395	2482	7653	398
WISCONSIN	35	1157	7984	424		490	7632	398	1647	7879	416
MINNESOTA	41	965	7873	415		502	7522	387	1467	7753	405
AWO I	42	1088	7737	410		427	7500	384	1515	7671	402
MISSOURI	43	862	8011	427		273	8261	408	1135	8071	422
NORTH OAKOTA	45	8	65 39	351		13	6781	360	21	6689	356
SOUTH OAKOTA	46	24	7938	459					24	7938	459
NE BRASKA	47	110	8027	430		8	8140	413	118	8035	429
KANSAS	48	576	7618	405		77	7159	367	653	7564	401
OELAWARE	50	67	7581	394		54	7662	404	121	7617	399
MARYLANO	51	862	7152	375		146	7192	359	1008	7158	373
VIRGINIA	52	861	8057	418		275	7624	391	1136	7952	412
WEST VIRGINIA	54	373	7096	362		72	7081	362	445	7093	362
NORTH CAROLIN	A 55	1264	7147	362		526	6685	317	1790	7011	349
SOUTH CAROLIN		304	7360	378		111	7188	351	415	7314	371
GECRGIA	57	799	7289	370		286	7149	334	1085	7252	360
FLORIDA	58	1073	7834	393		420	8081	395	1493	7904	394
KENTUCKY	61	863	7405	381		180	7291	362	1043	7385	378
TENNESSEE	63	738	7341	374		5	7228	325	743	7340	374
ALABAMA	64	1147	6773	340		1376	60 62	277	2523	6385	305
MISSISSIPPI	65	546	6809	343		365	6427	305	911	6656	328
ARKANSAS	71	206	5869	297		113	5277	260	319	5659	284
LOUISIANA	72	206	6495	327		18	6747	335	224	6515	327
OKLAHOMA	73	341	7097	372		46	7564	399.	387		375
TEXAS	74	1844	7585	390		414	7320	348	2258	7536	383
MONTANA	81	105	7454	411		32	7986	428	137	7578	415
IOAHO	82	909	8223	435			8389	427	1151		433
	83	707	0223	433		242	0 30 7		1171	02 30	1433
WYOMING COLORAGO		104	7412			7	6921	361	201	7395	399
	84	194	7412	401							395
NEW MEXICO	85	1 39	7580	394		11	7945	417	150	7607	
ARIZONA	86	49	8219	418		4	9648	355	53	8327 7918	413
UTAH	87	449	7762	404		449	8075	403	898		404
NE VA OA	88	99	9652	525			11100	480	100	9666	525
WASHINGTON	91	1905	8797	478		899	8630	451	2804	8743	470
OREGON	92	2433	8681	471		1680		442	4113	8656	459
CALIFORNIA	93	379	9260	492		85	11152	562	464	9607 -	505
HAWAII	95										
ALASKA '	96										
U.S. AVERAGE		42291	7866	412		17318	7628	. 384	59609	7797	404

BROWN SWISS

STATE	COOE	REGISTERE NO.RECS. MILK	0 FAT	NON-REGI NO.RECS. MI		ALL NO.RECS. MILK	FAT
MAINE	11	26 11392	467	8 109	08 457	34 11278	465
NEW HAMPSHIRE	12	28 10223	403	10 86	17 356	38 9801	390
VERMONT	13	197 11092	465	91 108	95 454	288 11029	462
MASSACHUSETTS	14	298 10471	442	51 97	26 399	349 10362	435
RHOOE ISLAND	15	3 9100	355	1 80	70 329	4 8843	349
CONNECTICUT	16	258 12158	522	58 96	82 393	316 11704	498
NEW YORK	21	1413 10962	454	194 100	46 412	1607 10851	449
NEW JERSEY	22	321 11042	464	21 96	67 385	342 10957	459
PENNSYLVANIA	23	423 10421	430	209 92	86 383	632 10046	415
0H10	31	1305 10993	457	183 110	65 456	1488 11002	457
INOIANA	32	352 11547	476	5 96	98 392	357 11522	475
ILLINOIS	33	1382 11210	463	235 100	12 415	1617 11036	456
MICHIGAN	34	750 10981	439	154 109		904 10968	438
WISCONSIN	35	1633 11003	448	244 106	55 429	1877 10958	446
MINNESOTA	41	801 11082	447	429 101		1230 10741	430
IOWA	42	1625 10741	438	556 101		2181 10596	431
MISSOURI	43	204 10276	414	41 103		245 10281	418
NORTH OAKOTA	45	199 10194	423	30 107		229 10265	424
SOUTH OAKOTA	46	88 12125	517	42 104		130 11583	479
NEBRASKA	47	168 10397	430	23 100		191 10349	427
KANSAS	48	305 10016	427	78 76		383 9537	406
	50		508	4 95			
DELAWARE		11 12348				15 11607 325 10341	472
MARYLANO	51	281 10349	435	44 102			435
VIRGINIA	52	127 10549	446	24 106		151 10567	446
WEST VIRGINIA	54	27 7640	306	1 77		28 7643	306
NORTH CAROLINA		62 8589	356	58 94		120 9015	377
SOUTH CAROLINA		77 10460	417	147 100		224 10165	400
GEORGIA	57	58 10150	401	43 91		101 9704	398
FLORIOA	58	16 11044	445	10 108		26 10967	456
KENTUCKY	61	91 9937	401	34 89	44 367	125 9666	392
TENNESSEE	63						
ALABAMA	64	16 7977	295	58 84	14 331	74 8319	323
MISSISSIPPI	65	1 10980	452			1 10980	452
ARKANSAS	71	5 12132	500	5 87	10 356	10 10421	428
LOUISIANA	72						
OKLAHOMA	73	71 8699	346	3 106	97 427	74 8780	350
TEXAS	74	117 10691	417	7 114	30 458	124 10733	419
MONTANA	81	67 11762	478	2 98		69 11706	476
OHAOI	82	75 10018		13 114		88 10225	429
WYOMING	83	8 11725		1 76	90 284	9 11277	501
COLORAGO	84	172 11344	461	13 106	40 445	185 11294	460
NEW MEXICO	85						
ARIZONA	86	23 12953	506	19 116	56 452	42 12366	482
UTAH	87	7 9943	389	18 112	97 460	25 10918	440
NEVAOA	88			1 96	30 361	1 9630	361
WASHINGTON	91	174 11792	487	27 124	64 522	201 11882	491
OREGON	92	149 10877	451	28 107	11 446	177 10851	450
CALIFORNIA	93	45 12820	5 3 1			45 12820	531
HAWAI I	95						
ALASKA	96						
U.S. AVERAGE		13459 10907	449	3223 101	27 412	16682 10756	442

MILKING SHORTHORN

					1757 CALVINO TEAK				
STATE	COOE	REGI NO.RECS.	STEREO MILK	FAT	NON-REGI NO.RECS. MI		NO.RECS.	ALL M1LK	FAT
MAINE	11	80	8304	327		12 333	108	8332	328
NEW HAMPSHIRE	12	21	8295	327	6 76	30 287	27	8147	318
VERMONT	13	31	9838	369	2 100	65 461	33	9852	375
MASSACHUSETTS	I 4	42	7221	275	10 91	.33 383	52	7588	296
RHOOE 1SLANO	15								
CONNECTICUT	16				3 102	07 414	3	10207	414
NEW YORK	2 I	71	7900	300	14 89	112 336	85	8067	306
NEW JERSEY	22								
PENNSYLVANIA	23	18	9568	372	10 81	41 309	28	9059	350
онто	31	133	8767	326	3 101	.93 439	136	8798	329
INOIANA	32	51	8433	3 2 6			51	8433	326
ILL1N01S	33	201	8279	315	18 82	14 320	219	8274	315
MICHIGAN	34	109	8457	311	17 91	.74 351	126	8554	316
W1SCONS1N	35	323	8990	346	16 79	23 316	339	8939	344
MINNESOTA	41	217	8377	317	21 92	46 361	238	8454	321
10WA	42	338	8198	314	32 84	75 327	370	8222	315
MISSOURI	43	117	9535	379	7 98	71 378	124	9554	379
NORTH OAKOTA	45	53	8645	325		316 318	76	8546	323
SOUTH OAKOTA	46				1 117			11760	421
NEBRASKA	47	68	7817	304	3 120		71	7995	311
KANSAS	48	194	7701	312		79 283	208	7672	310
OELAWARE	50					144 335	7	8544	335
MARYLANO	51	59	7770	309		175 243	61	7708	307
VIRGINIA	52	25	7611	3 0 2	12 103		37	8484	3 3 3
WEST VIRGINIA	54		,011	302		50 464	1	9850	464
NORTH CAROLIN		1	10610	462	. /	,,,,		10610	462
SOUTH CAROLIN		_			2 87	50 362	2	8750	362
GEORG1A	57					80 381	1	9280	381
FLOR10A	58				1 /2	301	•	7200	301
KENTUCKY	61	3	9647	386	1 89	50 327	4	9473	372
TENNESSEE	63	,	70 11	300	1 07	30 321	**	,413	312
ALABAMA	64				12 77	55 313	12	7755	313
MISSISSIPPI	65					37 318	6	7337	318
ARKANSAS	71	31	7413	295		36 352	43	7475	311
LOUISIANA	72	,		2,,,	12 10	.50 552	,,		711
OKLAHOMA	73	53	8415	320			53	8415	320
TEXAS	74	22	7424	271	6 81	.07 348	28	7570	287
MONTANA	81	36	7981	310	2 93		38	8052	313
IOAHO	82		9430	353	4 120			9577	362
WYOMING	83	07	7730	293	4 120	.55 500	71	7511	302
COLORAGO	84	32	9243	336	2 156	45 503	35	9609	346
NEW MEXICO	85	33	7243	330	2 150	145 503	,,,	3003	340
ARIZONA	86								
					3 107	03 453	2	10703	452
NEVADA	87 88				3 107	03 452	3	10703	452
NEVAGA			0375	353	40.00	24 /15	100	0430	200
WASHINGTON	91	43	9375	352	60 98		103	9638	388
OREGON	92	99	9235	343	20 106	24 452	119	9468	361
CALIFORNIA	93								
HAWAII	95								
ALASKA ,	96								
			04.77	200		/n	201-	05/1	220
U.S. AVERAGE		2539	8477	325	381 89	68 360	2920	8541	330

REO OANE

STATE	CODE	REGISTERED		NON-REGISTE	RED	ALL	
		NO.RECS. MILK	FAT	NO.RECS. MILK	FAT	NO.RECS. MILK	FAT
MAINE	11						
NEW HAMPSHIRE	12						
VERMONT	13			5 8984	402	5 8984	402
MASSACHUSETTS	14						
RHOOE ISLAND	15						
CONNECTICUT	16						
NEW YORK	21						
NEW JERSEY	22						
PENNSYLVANIA	23						
0Н10	31						
INDIANA	32						
ILLINOIS	33						
MICHIGAN	34			87 9147	359	87 9147	359
WISCONSIN	35						
MINNESOTA	41			2 10395	437	2 10395	437
IOWA	42						
MISSOURI	43			1 3960	147	1 3960	147
NORTH OAKOTA	45						
SOUTH DAKOTA	46						
NE 8RASKA	47						
KANSAS	48						
DELAWARE	50						
MARYLAND	51						
VIRGINIA	52			1 8750	438	1 8750	438
WEST VIRGINIA	54						
NORTH CAROLINA	1 55						
SOUTH CAROLINA	56						
GEORG 1A	57						
FLORIOA	58						
KENTUCKY	61						
TENNESSEE	63						
ALA8AMA	64			12 7998	320	12 7998	320
MISSISSIPPI	65						
ARKANSAS	71						
LOUISIANA	72						
OKLAHOMA	73						
TEXAS	74						
MONTANA	81						
I OAHO	82						
WYDMING	83						
COLORADO	84						
NEW MEXICO	85						
ARIZONA	86						
UTAH	87						
NE VAOA	88						
WASHINGTON	91						
OREGON	92			3 10220	423	3 10220	423
CALIFORNIA	93						
HAWAII	95						
ALASKA	96			6 13303	520	6 13303	520
U.S. AVERAGE				117 9236	367	117 9236	367

REO POLL

U.S. AVERAGE

87 7674 316

1959 CALVING YEAR

STATE	COOE	REGISTER	EO K FAT	NON-REGISTE ND.RECS. MILK	RED FAT	ALL NO.RECS. MILK	FAT
MA INE	11						
NEW HAMPSHIRE	12						
VERMONT	13						
MASSACHUSETTS	14						
RHDOE ISLANO	15						
CONNECTICUT	16			1 7930	374	1 7930	374
NEW YORK	21					•	
NEW JERSEY	22						
PENNSYLVANIA	23			2 11010	402	2 11010	402
		22 057	270				
OHID	31	22 957	2 379	3 9290	403	25 9538	382
	32	12 700		4 0255	77.0	1/ 0220	24.7
ILLINDIS	33	12 798	7 337	4 9355	378	16 8329	347
MICHIGAN	34			3 10563	368	3 10563	368
WISCONSIN	35			3 7300	293	3 7300	293
MINNESOTA	41	8 774		4 9080	314	12 8190	304
IDWA	42	28 698	8 293	4 8333	337	32 7156	298
MISSOURI	43						
NDRTH DAKDTA	45	11 690	304			I1 690D	304
SDUTH DAKDTA	46	6 461	3 197	3 6293	231	9 5173	208
NEBRASKA	47						
KANSAS	48						
OEL AWARE	50						
MARYLANO	51						
VIRGINIA	52						
WEST VIRGINIA	54						
NORTH CAROLIN	IA 55						
SOUTH CAROLIN	A 56						
GEDRGIA	57						
FLORIDA	58						
KENTUCKY	61						
TENNESSEE	63					10	
ALABAMA	64						
MISSISSIPPI	65						
ARKANSAS	71						
LDUISIANA	72						
UKLAHDMA	73						
TEXAS	74			1 8630	305	1 8630	305
MONTANA	81			1 6630	305	1 0030	303
IOAHO	82						
WYOMING	83						
COLDRAGO	84						
NEW MEXICO	85						
ARIZONA	86						
UTAH	87						
NEVADA	88						
WASHINGTON	91						
OREGDN	92						
CALIFORN1A	93						
HAWAI1	95						
ALASKA ,	96						

115 7945 322

28 8785 339

305-DAY STANDARDIZED LACTATION AVERAGES BY STATE, BY CALVING YEAR, BY BREED, BY CALVING MONTH - 1959

UNITED STATES

1959 CALVING YEAR

CALVING REGISTEREO	AYRSH1RE NON-REG1STEREO	ALL	REGISTEREO	GUERNSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMSER MILK FAT	NUMBER MILK FAT
JANUARY 1184 9996 404 FEBRUARY 1040 9864 399 MARCH 1183 9803 394	197 8928 357 162 9109 361 224 8985 359	1381 9844 397 1202 9763 394 1407 9673 388	6309 9021 432 5523 8910 425 5874 8847 421	2202 8321 384 1918 8216 378 2072 8167 376	8511 8840 419 7441 8731 413 7946 8669 409
APRIL 879 9726 393 MAY 718 9354 378 JUNE 712 9150 368	150 8457 339 124 8510 338 164 8367 338	1029 9541 385 842 9230 372 876 9003 362	4785 8696 416 4052 8548 409 4107 8254 396	1716 8093 372 1458 7905 363 1544 7570 352	6501 8537 404 5510 8377 397 5651 8067 384
JULY 1118 8720 354 AUGUST 1468 8662 354 SEPTEMBER 1708 9114 373	170 8193 329 282 8103 326 343 8555 351	1288 8650 351 1750 8572 349 2051 9021 369	5415 8023 389 6327 7868 384 6665 8028 393	1973 7479 349 2778 7431 351 3245 7687 366	7388 7878 379 9105 7735 374 9910 7917 384
OCTOBER 1454 9570 393 NOVEMBER 1243 9843 403 OECEMBER 1180 9976 406	280 8930 360 241 8725 354 205 8804 352	1734 9467 387 1484 9662 395 1385 9803 398	6382 8534 417 6401 8959 433 6537 8961 431	3141 8042 382 2972 8111 381 2787 8170 378	9523 8372 405 9373 8690 417 9324 8724 415
YEAR AV. 13887 9464 385	2542 8640 348	16429 9336 379	68377 8561 413	27806 7933 370	96183 8379 400
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 18194 13040 475 FEBRUARY 14861 12942 472	15899 11780 427 14119 11678 422	34093 12453 453 28980 12326 448	4205 8405 437 3811 8374 436	1273 8099 404 1130 8085 402	5478 8334 429 4941 8308 428
MARCH 15217 12799 467	15052 11584 420	30269 12195 444	3814 8396 438	1306 8096 402	5120 8319 429
APRIL 11290 12680 463 MAY 9218 12527 457 JUNE 10527 12191 446	11713 11545 419 10125 11348 412 11818 11237 410	23003 12102 440 19343 11910 434 22345 11686 427	2878 8224 429 2458 7924 414 2303 7690 401	936 7843 390 763 7516 373 867 7328 364	3814 8131 419 3221 7827 404 3170 7591 391
JULY 15882 12060 444 AUGUST 22983 11994 442 SEPTEMBER 24869 12222 451	17363 11035 403 26437 11009 403 30677 11283 414	33245 11525 423 49420 11467 421 55546 11703 430	3042 7142 372 3889 7056 369 4217 7197 382	1243 7178 361 1941 7148 364 2161 7391 379	4285 7153 369 5830 7086 367 6378 7263 381
OCTOBER 23121 12733 471 NOVEMBER 20453 12964 479 OECEMBER 17505 12955 476	29398 11735 430 25491 11821 431 23295 11835 429	52519 12174 448 45944 12330 452 40800 12315 449	4036 7622 404 3741 7958 421 3897 8333 437	2027 7601 388 1860 7634 385 1811 7882 394	6063 7615 398 5601 7850 409 5708 8190 423
YEAR AV. 204120 12585 462	231387 11497 419	435507 12007 439	42291 7866 412	17318 7628 384	59609 7797 404
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED	NON-REGISTERED	ALL NINASO MALV SAT	REGISTERED	NON-REGISTERED	ALL MINES AND LEAT
MONTH NUMBER MILK FAT JANUARY 1235 11447 466	NON-REGISTERED NUMBER MILK FAT 235 10623 427	NUMBER MILK FAT 1470 11315 460	REGISTEREO NUMBER MILK FAT 275 9954 338		NUMBER MILK FAT 319 8883 337
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 452	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447	NUMBER MILK FAT 275	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455	NON-REGISTEREO NUMBER MILK FAT 235 10623 427 229 10358 417	NUMBER MILK FAT 1470 11315 460 1271 11040 448	NUMBER MILK FAT 275 9954 338 206 8664 326	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369	NUMBER MILK FAT 319 8883 337 227 8705 330
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 452 APRIL 961 11191 456 MAY 812 10981 448	NON-REGISTEREO NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332	NON-REGISTEREO NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 168 8820 338
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 452 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426	NON-REGISTEREO NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9686 393 231 9591 393 314 9787 407	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422	NUMBER MILK FAT 275	NON-REGISTEREO NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 398 42 8730 363	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8820 337 168 8820 338 133 8600 330 198 8521 330 292 8127 317
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1355 10484 438 OCTOBER 1241 10915 456 NOVEMBER 1241 10915 456	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9686 393 231 9591 393 314 9787 407 373 9611 398 377 10384 425 364 10274 419	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1728 10296 430 1618 10791 449 1576 10996 454	NUMBER MILK FAT 275	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 398 42 8730 363 27 8590 345 37 8681 351 41 9004 375	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 168 8820 338 133 8600 330 198 8521 330 292 8127 317 277 6034 313 285 8334 330 288 8334 330
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1255 10484 438 OCTOBER 1251 11213 464 OCCEMBER 1243 11223 460	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 986 993 314 9787 407 373 9611 398 377 10384 425 364 10274 419 333 10438 420	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1/28 10296 430 1618 10791 449 1576 10996 454 1576 11057 452	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 108 8310 317 178 8371 323 250 8025 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 398 42 8730 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 168 8820 338 133 8600 330 292 8127 317 277 6034 313 285 8334 330 296 8625 333
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1255 10484 438 OCTOBER 1251 11213 464 OCCEMBER 1243 11223 460	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 986 993 314 9787 407 373 9611 398 377 10384 425 364 10274 419 333 10438 420	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1/28 10296 430 1618 10791 449 1576 10996 454 1576 11057 452	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 108 8310 317 178 8371 323 250 8025 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 398 42 8730 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 168 8820 338 133 8600 330 292 8127 317 277 6034 313 285 8334 330 296 8625 333
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 455 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1355 10484 438 OCTOBER 1241 10915 456 NOVEMBER 1212 11213 464 OECEMBER 1243 11223 460 YEAR AV. 13459 10907 449 CALVING REGISTEREO	NON-REGISTERED NUMBER MILK FAT 235 10423 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9868 393 231 9591 393 314 9787 407 373 9011 398 377 10384 425 364 10274 419 333 10438 420 3223 10127 412	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1728 10296 430 1618 10791 449 1576 10996 454 1576 11057 452 16682 10756 442	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 108 8310 317 178 8371 323 250 8025 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330 2539 8477 325	NON-REGISTERED NUMBER MILK FAT 44 8499 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9850 398 42 8730 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352 381 8968 360	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 168 8820 338 133 8600 330 198 8521 330 292 8127 317 277 6034 313 285 8324 330 296 8625 333 2920 8541 330
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 455 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1355 10484 438 OCTOBER 1241 10915 456 NOVEMBER 1212 11213 464 OECEMBER 1243 11223 460 YEAR AV. 13459 10907 449 CALVING REGISTEREO	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9686 393 314 9787 407 373 9611 398 377 10384 425 364 10274 419 333 10438 420 3223 10127 412 RED DANE NON-REGISTERED	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1728 10296 430 1618 10791 449 1576 10996 454 1576 11057 452 16682 10756 442	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 108 8310 317 178 8371 323 250 8025 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330 2539 8477 325	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 388 42 8730 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352 381 8968 360 REO POLL	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 168 8820 338 133 8600 330 198 8521 330 292 8127 317 277 6034 313 285 8324 330 296 8625 333 2920 8541 330
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 452 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1355 10484 438 OCTOBER 1266 10261 426 NOVEMBER 1212 11213 464 OECEMBER 1243 11223 460 YEAR AV. 13459 10907 449 CALVING NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9868 993 231 9591 393 314 9787 407 373 911 398 377 10384 425 364 10274 419 333 10438 420 3223 10127 412 REO DANE NON-REGISTERED NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1/28 10296 430 1618 10791 449 1576 10996 454 1576 11057 452 16682 10756 442 NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 250 8025 310 250 7975 310 250 7975 310 250 8223 322 254 8577 330 2539 8477 325 REGISTERED NUMBER MILK FAT 11 7074 282 5 9488 382 4 9003 390 7 8371 331 2 7560 294	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 398 42 8730 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352 381 8968 360 REO POLL NON-REGISTEREO NUMBER MILK FAT 3 7523 263 3 8217 347 2 10170 447 2 6895 293 1 10520 392	NUMBER MILK FAT 319 8883 337 250 8969 341 187 8820 338 133 8600 330 198 8521 330 292 8127 317 277 6034 313 285 8324 330 296 8625 333 2920 8541 330 LINUMBER MILK FAT 14 7170 278 8 9011 369 6 9392 409 9 8043 323 3 8547 326
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 452 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1355 1048 438 OCTOBER 1241 10915 456 NOVEMBER 1212 11213 464 OECEMBER 1243 11223 460 YEAR AV. 13459 10907 449 CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST	NON-REGISTERED NUMBER MILK FAT 235 10423 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9868 993 231 9591 393 314 9787 407 373 9611 398 377 10384 425 364 10274 419 333 10438 420 3223 10127 412 RED DANE NON-REGISTERED NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420 3 9507 368 9 10279 425 16 8244 327	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1/28 10296 430 1618 10791 449 1576 10996 454 1576 11057 452 16682 10756 442 NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420 3 9507 368 9 10279 425 16 8244 327	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 250 8025 310 250 7975 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330 2539 8477 325 **REGISTERED NUMBER MILK FAT 11 7074 282 5 9488 382 4 9003 390 7 8371 331 2 7560 294 7 7060 311 8 8881 349 2 4880 243	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9054 362 364 25 9854 386 20 9850 398 42 8730 363 27 8590 345 31 8968 360 860 860 860 860 860 860 860 860 860 8	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8820 338 133 8600 330 198 8521 330 292 8127 317 277 5034 313 285 8323 325 288 8334 330 296 8625 333 2920 8541 330 LINUMBER MILK FAT 14 7170 278 8 9011 369 9 8043 323 3 8547 326 6 7758 328 10 890 344 2 4880 243
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1255 10484 438 OCTOBER 1241 11213 464 OECEMBER 1242 11213 464 OECEMBER 1243 11223 460 YEAR AV. 13459 10907 449 CALVING MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER OCTOBER	NON-REGISTERED NUMBER MILK FAT 235 10623 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 968 993 314 9787 407 373 9611 398 377 10384 425 364 10274 419 333 10438 420 3223 10127 412 RED DANE NON-REGISTERED NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420 3 9507 368 9 10279 425 16 8244 327 18 9700 376 14 8663 355	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1/28 10296 430 1618 10791 449 1576 10996 454 1576 11057 452 16682 10756 442 NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420 3 9507 368 9 10279 425 16 8244 327 18 9700 376 14 8663 355	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 250 8025 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330 2539 8477 325 REGISTERED NUMBER MILK FAT 11 7074 282 5 9488 382 4 9003 390 7 8371 331 2 7560 294 4 7060 311 8 8881 349 2 4880 243 15 7926 329 8 7114 293	NON-REGISTERED NUMBER MILK FAT 44 8439 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9854 386 20 9850 398 42 8730 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352 381 8968 360 REO POLL NON-REGISTERED NUMBER MILK FAT 3 7523 263 3 8217 347 2 10170 447 2 6895 293 1 10520 392 2 9155 361 2 9020 321	NUMBER MILK FAT 319 8883 337 250 8969 341 187 8828 337 188 8823 338 133 8600 330 198 8521 330 292 8127 317 277 6034 313 282 8334 330 296 8625 333 2920 8541 330 Lamber All Milk FAT NUMBER All MILK FAT 14 7170 278 8 9011 369 6 9392 409 9 8043 323 3 8547 326 6 7758 328 10 8909 344 2 4880 243 15 7926 329
MONTH NUMBER MILK FAT JANUARY 1235 11447 466 FEBRUARY 1042 11190 455 MARCH 1213 11150 452 APRIL 961 11191 456 MAY 812 10981 448 JUNE 797 10546 433 JULY 1082 10267 425 AUGUST 1266 10261 426 SEPTEMBER 1355 1048 438 OCTOBER 1241 10915 456 NOVEMBER 1212 11213 464 OECEMBER 1243 11223 460 YEAR AV. 13459 10907 449 CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY 4 AUGUST SEPTEMBER	NON-REGISTERED NUMBER MILK FAT 235 10423 427 229 10358 417 242 10450 421 200 10072 401 176 10117 404 149 9868 993 231 9591 393 314 9787 407 373 9611 398 377 10384 425 364 10274 419 333 10438 420 3223 10127 412 RED DANE NON-REGISTERED NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420 3 9507 368 9 10279 425 16 8244 327 18 9700 376	NUMBER MILK FAT 1470 11315 460 1271 11040 448 1455 11033 447 1161 10998 446 988 10827 440 946 10411 427 1313 10148 419 1580 10167 422 1728 10296 430 1618 10791 449 1576 10996 454 1576 11057 452 16682 10756 442 NUMBER MILK FAT 7 9520 373 2 9505 359 6 9322 386 10 9726 386 3 10587 420 3 9507 368 9 10279 425 16 8244 327 18 9700 376	NUMBER MILK FAT 275 9954 338 206 8664 326 219 8958 338 166 8802 333 138 8729 332 250 8025 310 250 7975 310 248 8269 322 247 8223 322 254 8577 330 2539 8477 325 **REGISTERED NUMBER MILK FAT 11 7074 282 5 9488 382 4 9003 390 7 8371 331 2 7560 294 4 7060 311 8 8881 349 2 4880 243 15 7926 329	NON-REGISTERED NUMBER MILK FAT 44 8499 331 21 9105 369 31 9045 360 21 9034 362 30 9242 364 25 9850 363 27 8590 345 37 8681 351 41 9004 375 42 8915 352 381 8968 360 REO POLL NON-REGISTERED NUMBER MILK FAT 3 7523 263 3 8217 347 2 10170 447 2 6895 293 1 10520 392 2 9155 361 2 9020 321	NUMBER MILK FAT 319 8883 337 227 8705 330 250 8969 341 187 8828 337 188 8820 338 133 8600 330 198 8521 330 292 8127 317 277 5034 313 285 8323 325 288 8334 330 296 8625 333 2920 8541 330 LINUMBER MILK FAT 14 7170 278 8 9011 369 9 9043 323 3 8547 326 6 7758 328 10 899 344 2 4880 243 15 7926 329

☆ U.S. GOVERNMENT PRINTING OFFICE: 1961 O -613401







Growth Through Agricultural Progress